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STANDARD METROPOLITAN STATISTICAL AREA

1980

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Housing**

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1980

Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

JOPLIN, MO.

HC80-2-197

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
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3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.	115	Charleston, W. Va.
4	Arizona	44	Tennessee	80	Austin, Tex.		
5	Arkansas	45	Texas			116	Charlotte-Gastonia, N.C.
				81	Bakersfield, Calif.	117	Charlottesville, Va.
6	California	46	Utah	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	83	Bangor, Maine	119	Chicago, Ill.
8	Connecticut	48	Virginia	84	Baton Rouge, La.		
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia			121	Cincinnati, Ohio-Ky.-Ind.
				86	Bay City, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	123	Cleveland, Ohio
12	Georgia	52	Wyoming	88	Bellingham, Wash.	124	Colorado Springs, Colo.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	125	Columbia, Mo.
14	Idaho	54	Not assigned	90	Billings, Mont.		
15	Illinois	55	Not assigned			126	Columbia, S.C.
				91	Biloxi-Gulfport, Miss.	127	Columbus, Ga.-Ala.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	128	Columbus, Ohio
17	Iowa	57	Not assigned	93	Birmingham, Ala.	129	Corpus Christi, Tex.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	130	Cumberland, Md.-W. Va.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.		
20	Louisiana	60	Albany, Ga.			131	Dallas-Fort Worth, Tex.
				96	Bloomington-Normal, Ill.	132	Danbury, Conn.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	133	Danville, Va.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	134	Davenport-Rock Island-Moline, Iowa-Ill.
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	135	Dayton, Ohio
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.		
25	Minnesota	65	Altoona, Pa.			136	Daytona Beach, Fla.
				101	Bridgeport, Conn.	137	Decatur, Ill.
26	Mississippi			102	Bristol, Conn.	138	Denver-Boulder, Colo.
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29	Nebraska			105	Bryan-College Station, Tex.		
30	Nevada	68	Anchorage, Alaska			141	Dubuque, Iowa
		69	Anderson, Ind.	106	Buffalo, N.Y.	142	Duluth-Superior, Minn.
31	New Hampshire	70	Anderson, S.C.	107	Burlington, N.C.		Wis.
32	New Jersey			108	Burlington, Vt.	143	Eau Claire, Wis.
33	New Mexico	71	Ann Arbor, Mich.	109	Caguas, P.R.	144	El Paso, Tex.
34	New York	72	Anniston, Ala.	110	Canton, Ohio	145	Elkhart, Ind.
35	North Carolina	73	Appleton-Oshkosh, Wis.				
		74	Arecibo, P.R.	111	Casper, Wyo.	146	Elmira, N.Y.
36	North Dakota	75	Asheville, N.C.	112	Cedar Rapids, Iowa	147	Enid, Okla.
37	Ohio			113	Champaign-Urbana-Rantoul, Ill.		
38	Oklahoma	76	Athens, Ga.				
39	Oregon						
40	Pennsylvania						

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
166	Gadsden, Ala.	206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
167	Gainesville, Fla.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.		
		211	Lansing-East Lansing, Mich.	249	Muncie, Ind.	286	Pittsburgh, Pa.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	288	Ponce, P.R.
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	289	Portland, Maine
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	290	Portland, Oreg.-Wash.
175	Green Bay, Wis.			254	New Bedford, Mass.		
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	291	Portsmouth-Dover- Rochester, N.H.-Maine
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.			292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
180	Harrisburg, Pa.	221	Lincoln, Nebr.	259	New Orleans, La.		
		222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	296	Racine, Wis.
181	Hartford, Conn.	223	Long Branch-Asbury Park, N.J.			297	Raleigh-Durham, N.C.
182	Hickory, N.C.	224	Longview-Marshall, Tex.	261	Newark, N.J.	298	Reading, Pa.
183	Honolulu, Hawaii	225	Lorain-Elyria, Ohio	262	Newark, Ohio	299	Redding, Calif.
184	Houston, Tex.			263	Newburgh-Middletown, N.Y.	300	Reno, Nev.
185	Huntington-Ashland, W. Va.-Ky.-Ohio	226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	301	Richland-Kennewick- Pasco, Wash.
						302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.

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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
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		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.	356	Tulsa, Okla.	375	Wilmington, N.C.
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318	San Angelo, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	376	Worcester, Mass.
319	San Antonio, Tex.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	377	Yakima, Wash.
320	San Diego, Calif.	340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	378	York, Pa.
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.			379	Youngstown-Warren, Ohio
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Introduction

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SUPPRESSION OF DATA FOR CONFIDENTIALITY.	VIII

GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

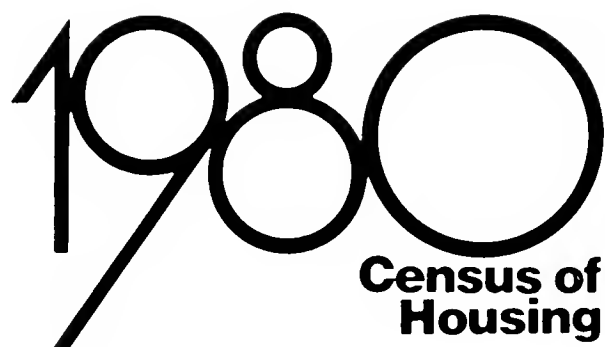
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

JOPLIN, MO.

STANDARD METROPOLITAN STATISTICAL AREA
HC80-2-197

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear IX

List of Tables—shows the table numbers and titles for each of the 68 tables X

Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear XII

Map—Standard Metropolitan Statistical Areas, Counties, Independent City, and Other Selected Places XIV

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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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Joplin	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit.	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit.	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built.	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning.	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel.	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked.	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income.	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked.	—	—	—	—	—	—
Gross rent as percentage of household income.	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income.	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

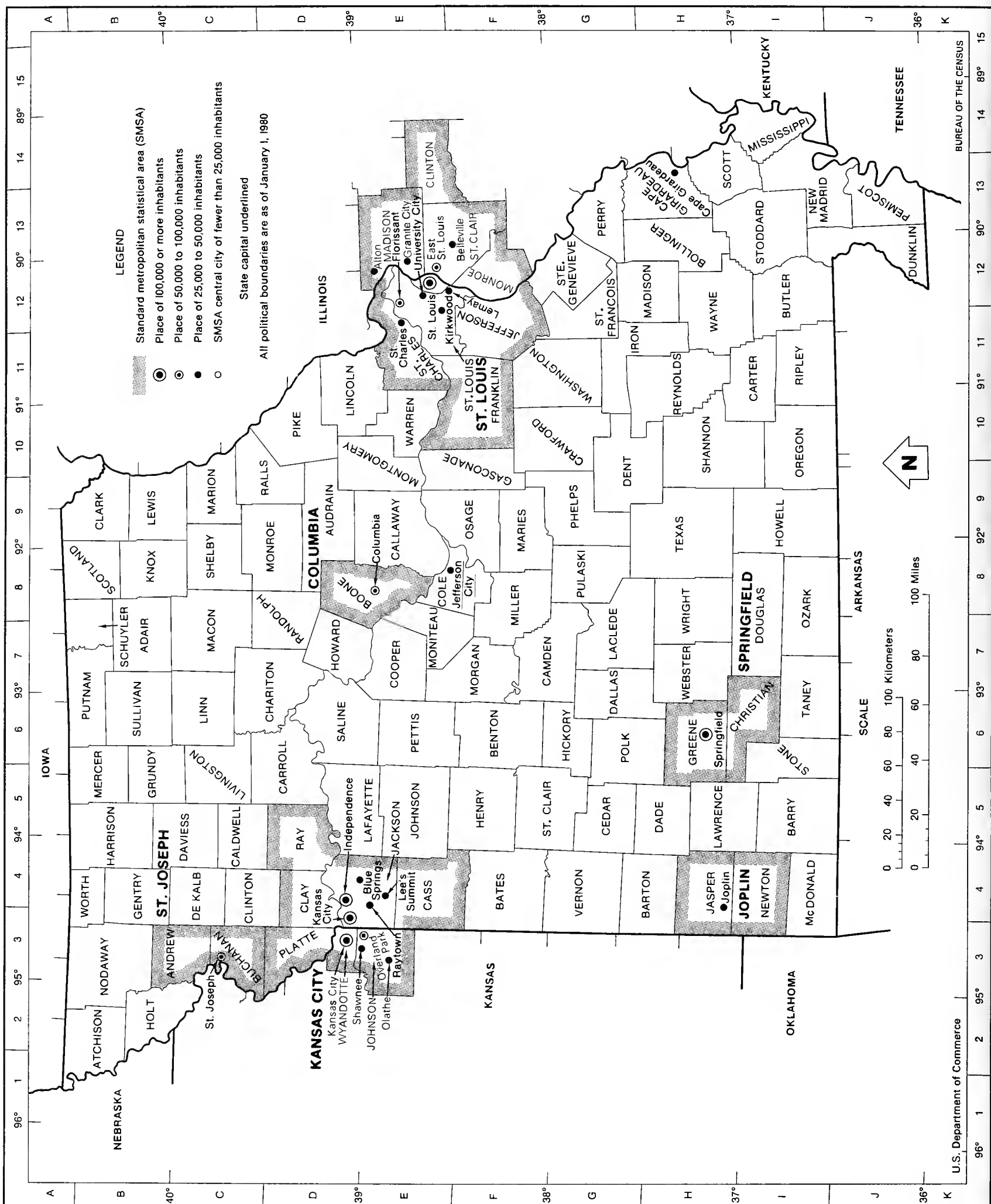
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, Independent City, and Other Selected Places



SCSA and SMSA boundaries are as defined on June 19, 1981

CORRECTION NOTE

Corrections to the 1980 census counts of the total population and total housing units have been made to some of the areas shown in this report. These corrections can be found in the correction note in PC80-1-A1, Number of Inhabitants, United States Summary; the PC80-1-B, General Population Characteristics; HC80-1-A, General Housing Characteristics individual State reports and the United States Summary.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	25 986	2 865	6 116	5 968	4 301	2 682	1 714	1 408	501	347	84	26 300	31 700
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	18 106	1 357	3 592	4 084	3 302	2 188	1 528	1 201	458	324	72	30 100	35 400
15 to 24 years	805	64	189	279	166	43	45	8	—	11	—	26 200	27 600
25 to 34 years	3 908	142	681	912	858	524	378	304	58	48	3	32 200	36 100
35 to 44 years	3 465	173	500	736	649	463	281	341	171	129	22	34 300	42 000
45 to 64 years	6 558	567	1 262	1 339	1 165	852	598	419	201	116	39	30 800	36 200
65 years and over	3 370	411	960	818	464	306	226	129	28	20	8	22 700	28 100
Male householder, no wife present	1 852	371	587	400	195	176	36	54	25	2	6	19 000	24 400
15 to 24 years	65	—	25	20	14	—	—	2	—	—	—	22 100	25 400
25 to 34 years	340	20	94	100	49	51	2	14	10	—	—	24 500	29 500
35 to 44 years	287	45	76	64	53	31	6	12	—	—	—	21 500	25 500
45 to 64 years	491	102	135	96	49	46	22	26	13	2	—	20 700	26 600
65 years and over	669	204	257	120	30	48	2	—	2	—	6	13 700	19 600
Female householder, no husband present	6 028	1 137	1 937	1 484	804	318	150	153	18	21	6	19 600	23 100
15 to 24 years	58	—	24	26	—	6	2	—	—	—	—	21 800	24 500
25 to 34 years	322	12	83	124	62	20	2	13	—	6	—	25 600	28 600
35 to 44 years	431	46	94	95	112	38	8	20	6	6	6	27 600	32 100
45 to 64 years	1 801	347	514	462	176	143	92	62	5	—	—	20 700	24 300
65 years and over	3 416	732	1 222	777	454	111	46	58	7	9	—	17 400	20 700
Median age	53.6	63.8	60.3	52.9	48.0	48.6	49.2	44.7	45.4	43.2	49.2	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 139	217	528	673	577	410	269	246	112	84	23	32 300	39 200
1975 to 1978	7 200	441	1 319	1 726	1 324	935	558	550	196	129	22	30 800	36 200
1970 to 1974	4 425	398	999	995	835	454	339	244	87	65	9	27 700	32 500
1960 to 1969	5 132	659	1 252	1 198	747	552	315	283	78	39	9	24 800	30 000
1959 or earlier	6 090	1 150	2 018	1 376	818	331	233	85	28	30	21	19 300	23 600
ROOMS													
1 to 3 rooms	789	363	242	110	34	27	10	3	—	—	—	10 800	15 000
4 rooms	4 506	1 083	1 920	1 017	253	116	59	41	—	—	17	15 700	18 900
5 rooms	8 633	982	2 463	2 502	1 616	678	248	112	19	12	1	23 000	25 000
6 rooms	6 400	294	1 055	1 500	1 444	1 032	634	349	72	20	—	32 400	34 300
7 rooms	3 067	62	296	602	576	525	385	430	131	48	12	40 000	43 800
8 or more rooms	2 591	81	140	237	378	304	378	473	279	267	54	53 300	61 200
Median	5.4	4.5	4.9	5.2	5.7	6.0	6.4	7.0	7.9	8.5+	8.5+	...	...
BEDROOMS													
None	50	26	17	—	2	5	—	—	—	—	—	10000—	15 600
1	1 325	573	487	169	53	33	8	2	—	—	—	11 300	14 400
2	9 873	1 609	3 813	2 557	1 062	444	209	126	24	11	18	18 500	21 700
3	12 060	554	1 531	2 873	2 708	1 945	1 184	893	230	130	12	33 600	36 900
4	2 328	84	247	321	423	236	299	318	208	147	45	43 500	52 800
5 or more	350	19	21	48	53	19	14	69	39	59	9	61 000	64 400
YEAR STRUCTURE BUILT													
1975 to March 1980	2 599	49	120	366	449	467	397	399	203	123	26	47 600	53 000
1970 to 1974	2 635	39	200	636	635	423	291	269	79	53	10	36 400	41 900
1960 to 1969	3 925	81	407	784	877	724	455	402	131	47	17	37 700	41 400
1950 to 1959	3 871	221	658	1 189	908	421	234	164	46	30	—	28 100	31 800
1940 to 1949	3 098	413	1 097	859	401	162	103	51	6	5	1	20 300	23 300
1939 or earlier	9 858	2 062	3 634	2 134	1 031	485	234	123	36	89	30	17 300	22 200
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 889	1 192	1 485	750	274	90	50	40	2	6	—	14 400	17 600
\$5,000 to \$9,999	4 834	785	1 661	1 303	609	280	139	31	17	3	6	19 800	22 500
\$10,000 to \$12,499	2 439	268	708	815	377	149	53	45	8	16	—	22 200	24 800
\$12,500 to \$14,999	2 229	231	517	611	461	228	117	52	3	9	—	25 900	28 000
\$15,000 to \$19,999	4 402	219	953	1 177	925	583	276	197	46	15	11	28 600	32 000
\$20,000 to \$24,999	3 004	106	445	704	627	464	296	244	72	35	11	33 100	37 900
\$25,000 to \$34,999	3 325	48	278	478	790	624	508	379	137	73	10	41 200	44 700
\$35,000 to \$49,999	1 201	16	64	88	176	187	202	288	128	52	—	52 900	54 700
\$50,000 or more	663	—	5	42	62	77	73	132	88	138	46	70 100	84 000
Median	\$14 554	\$6 266	\$9 712	\$12 975	\$16 981	\$20 106	\$23 775	\$27 121	\$32 389	\$40 908	\$51 481	...	...
Mean	\$17 040	\$8 291	\$11 209	\$14 322	\$18 712	\$21 687	\$25 217	\$29 943	\$37 475	\$50 041	\$57 868	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	13 855	687	2 363	3 342	2 801	1 791	1 159	1 082	363	227	40	31 700	36 700
Less than 15 percent	5 087	206	941	1 160	1 103	693	394	373	149	55	13	31 700	36 000
15 to 19 percent	3 021	142	456	808	561	392	314	216	79	53	—	31 600	36 600
20 to 24 percent	2 064	54	299	519	453	272	193	170	53	36	15	33 400	39 200
25 to 29 percent	1 230	73	185	287	258	145	75	131	37	33	6	32 400	39 100
30 to 34 percent	635	35	88	168	116	78	59	67	15	9	—	31 800	36 900
35 percent or more	1 720	177	362	385	310	198	116	97	28	41	6	27 900	33 600
Not computed	98	—	32	15	—	13	8	28	2	—	—	41 700	39 900
Median	18.0	19.8	17.5	18.1	17.7	17.5	17.9	18.6	17.0	20.8	22.3	...	...
Not mortgaged	12 131	2 178	3 753	2 626	1 500	891	555	326	138	120	44	20 400	26 100
Less than 10 percent	5 574	767	1 520	1 110	827	511	381	242	97	90	29	23 900	30 600
10 to 14 percent	2 506	428	771	631	289	186	78	59	33	22	9	20 700	25 800
15 to 19 percent	1 376	383	440	269	132	89	41	16	—	6	—	15 900	20 500
20 to 24 percent	1 005	262	337	223	109	31	27	—	8	2	6	16 100	21 000
25 to 29 percent	618	133	275	157	30	17	6	—	—	—	—	15 400	17 500
30 to 34 percent	295	58	115	57	39	20	6	—	—	—	—	17 800	20 500
35 percent or more	680	130	266	148	74	37	16	9	—	—	—	17 000	20 900
Not computed	77	17	29	31	—	—	—	—	—	—	—	17 300	17 400
Median	10.9	13.7	12.2	11.5	10—	10—	10—	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	25 677	2 649	6 056	5 964	4 290	2 664	1 714	1 408	501	347	84	26 500	32 000
1.01 or more persons per room	444	64	168	127	33	38	14	—	—	—	—	19 200	21 600
Lacking complete plumbing for exclusive use	309	216	60	4	11	18	—	—	—	—	—	10000—	12 000
1.01 or more persons per room	49	47	2	—	—	—	—	—	—	—	—	10000—	7 700
Heating equipment	25 981	2 863	6 113	5 968	4 301	2 682	1 714	1 408	501	347	84	26 300	31 700
Central heating system	20 372	1 006	4 033	4 996	3 935	2 526	1 618	1 354	479	347	78	30 300	35 600
Air conditioning	18 177	1 085	3 510	4 152	3 340	2 326	1 556	1 312	479	341	76	30 900	36 300
Central system	7 383	74	495	1 017	1 363	1 427	1 086	1 113	449	300	59	45 500	50 400
Income in 1979 below poverty level	2 950	918	1 094	525	214	104	42	42	2	9	—	14 400	18 300
Percent below poverty level	11.4	32.0	17.9	8.8	5.0	3.9	2.5</						

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	11 472	1 667	2 767	2 788	1 908	877	422	133	99	55	756	166
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	4 705	176	956	1 249	952	507	292	108	78	55	332	192
15 to 24 years.....	1 357	46	383	449	283	100	28	13	13	—	42	173
25 to 34 years.....	1 570	35	231	422	377	233	145	37	15	17	58	208
35 to 44 years.....	668	14	87	151	148	73	71	30	13	17	64	215
45 to 64 years.....	813	46	128	201	121	82	46	22	37	21	109	195
65 years and over.....	297	35	127	26	23	19	2	6	—	—	59	133
Male householder, no wife present	2 169	446	544	520	341	113	42	12	7	—	144	151
15 to 24 years.....	15	55	175	215	154	29	19	—	—	—	28	173
25 to 34 years.....	620	82	155	190	94	58	1	6	3	—	31	158
35 to 44 years.....	233	25	57	42	46	5	15	1	4	—	38	167
45 to 64 years.....	348	108	117	46	33	21	5	5	—	—	13	120
65 years and over.....	293	176	40	27	14	—	2	—	—	—	34	84
Female householder, no husband present	4 598	1 045	1 267	1 019	615	257	88	13	14	—	280	142
15 to 24 years.....	798	76	312	205	139	22	14	2	—	—	28	149
25 to 34 years.....	933	54	208	343	176	70	41	4	11	—	26	182
35 to 44 years.....	402	35	73	121	85	68	15	5	—	—	—	190
45 to 64 years.....	874	184	275	159	158	33	10	2	3	—	50	137
65 years and over.....	1 591	696	399	191	57	64	8	—	—	—	176	101
Median age	34.1	66.6	33.2	29.3	30.2	32.3	33.4	36.0	39.7	40.4	52.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	6 334	652	1 374	1 680	1 253	578	324	108	80	45	240	181
1975 to 1978.....	3 355	531	888	826	567	216	98	23	9	10	187	158
1970 to 1974.....	789	212	226	169	41	40	—	2	—	—	99	129
1960 to 1969.....	648	177	238	60	47	43	—	—	6	—	77	118
1959 or earlier.....	346	95	41	53	—	—	—	—	4	—	153	103
ROOMS												
1 room.....	201	98	65	8	16	2	—	—	—	—	12	97
2 rooms.....	694	343	207	79	56	—	—	—	—	—	9	100
3 rooms.....	2 647	769	982	520	226	52	3	—	—	—	95	126
4 rooms.....	3 530	329	873	1 062	678	269	118	28	1	—	172	172
5 rooms.....	2 568	89	424	798	538	326	132	33	16	14	198	194
6 rooms.....	1 193	31	152	256	261	150	109	37	16	5	176	213
7 or more rooms.....	639	8	64	65	133	78	60	35	66	36	94	252
Median	4.1	3.0	3.6	4.2	4.5	4.9	5.2	5.6	7.3	6.9	5.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	11 472	1 667	2 767	2 788	1 908	877	422	133	99	55	756	166
Complete plumbing for exclusive use	11 159	1 503	2 714	2 755	1 902	870	422	133	99	45	716	168
0.50 or less.....	6 993	1 298	1 735	1 562	990	518	211	53	52	32	542	156
0.51 to 1.00.....	3 805	199	860	1 068	856	331	201	76	47	13	154	187
1.01 to 1.50.....	259	2	65	103	50	19	5	4	—	—	11	184
1.51 or more.....	102	4	54	22	6	2	5	—	—	—	9	129
Lacking complete plumbing for exclusive use	313	164	53	33	6	7	—	—	—	10	40	87
0.50 or less.....	115	53	12	7	6	7	—	—	—	10	20	91
0.51 to 1.00.....	124	63	36	12	—	—	—	—	—	—	13	92
1.01 to 1.50.....	42	28	—	14	—	—	—	—	—	—	—	92
1.51 or more.....	32	20	5	—	—	—	—	—	—	—	7	68
Income in 1979 below poverty level	2 990	820	832	624	321	88	39	9	20	8	229	130
Complete plumbing for exclusive use	2 825	730	800	608	321	88	39	9	20	8	202	134
1.01 or more persons per room.....	173	3	52	59	32	8	5	—	—	—	14	167
Lacking complete plumbing for exclusive use	165	90	32	16	—	—	—	—	—	—	27	74
1.01 or more persons per room.....	52	34	5	6	—	—	—	—	—	—	7	68
BEDROOMS												
None.....	344	144	128	30	28	2	—	—	—	—	12	105
1.....	3 835	1 173	1 331	844	321	37	6	—	—	—	123	126
2.....	4 859	301	1 019	1 424	1 001	552	193	43	7	10	309	184
3.....	2 031	44	243	430	439	237	192	81	58	35	272	217
4.....	369	5	46	54	109	49	31	9	18	10	38	230
5 or more.....	34	—	—	6	10	—	—	—	16	—	2	312
UNITS IN STRUCTURE												
1, detached or attached.....	6 350	518	1 403	1 579	1 232	507	280	93	93	45	600	179
2.....	913	116	241	249	131	82	38	13	6	—	37	160
3 and 4.....	1 135	345	418	244	68	28	15	6	—	—	11	126
5 to 9.....	665	208	224	88	36	69	32	—	—	—	8	133
10 to 49.....	1 174	222	254	331	218	93	32	9	—	—	15	170
50 or more.....	507	218	78	71	70	48	14	4	—	—	4	120
Mobile home or trailer, etc.....	728	40	149	226	153	50	11	8	—	10	81	181
YEAR STRUCTURE BUILT												
1975 to March 1980.....	1 324	380	219	186	221	112	106	22	12	9	57	156
1970 to 1974.....	1 217	216	155	248	206	182	70	20	21	8	91	191
1960 to 1969.....	1 512	87	229	393	319	176	116	30	45	32	85	201
1950 to 1959.....	1 636	108	327	536	353	126	51	41	4	4	86	183
1940 to 1949.....	2 032	225	492	608	416	117	58	17	6	2	91	170
1939 or earlier.....	3 751	651	1 345	817	393	164	21	3	11	—	346	140
STORIES IN STRUCTURE												
1 to 3.....	11 066	1 425	2 656	2 751	1 899	877	422	133	99	55	749	169
4 or more.....	406	242	111	37	9	—	—	—	—	—	7	80
With elevator.....	378	236	96	37	9	—	—	—	—	—	—	77
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	2 318	422	727	630	302	125	81	12	13	6	...	151
15 to 19 percent.....	1 709	211	349	504	345	170	78	29	12	11	...	175
20 to 24 percent.....	1 846	307	502	408	337	150	91	29	22	—	...	164
25 to 29 percent.....	1 264	264	267	291	241	108	57	22	14	—	...	169
30 to 34 percent.....	784	131	202	157	148	69	47	8	15	7	...	166
35 to 49 percent.....	1 178	223	266	286	232	122	31	11	—	7	...	174
50 percent or more.....	1 464	60	427	464	278	133	36	22	20	24	...	175
Not computed.....	909	49	27	48	25	—	1	—	3	—	...	150
Median	23.4	22.9	22.9	22.9	24.4	24.8	22.8	24.4	25.4	45.0	...	...
SELECTED CHARACTERISTICS												
Heating equipment	11 464	1 661	2 767	2 788	1 906	877	422	133	99	55	756	166
Central heating system.....	8 265	1 068	1 674	2 003	1 574	788	406	128	89	55	480	180
Air conditioning	6 029	871	1 054	1 372	1 107	607	349	101	89	41	438	182
Central system.....	2 688	526	302	396	536	392	243	63	79	25	126	206

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	35 731	5 361	6 750	3 424	3 208	6 012	3 999	4 416	1 668	893	14 316	16 954	4 291
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	25 467	1 381	3 974	2 460	2 555	5 075	3 659	4 029	1 515	819	17 146	19 918	1 631
15 to 24 years	1 121	54	174	173	202	326	140	39	6	7	14 474	14 714	83
25 to 34 years	5 113	152	405	522	607	1 413	952	831	150	81	17 957	19 248	307
35 to 44 years	4 993	109	300	353	392	1 078	1 055	1 022	454	230	21 089	23 991	275
45 to 64 years	9 425	423	1 117	821	916	1 791	1 260	1 930	766	401	18 900	22 299	499
65 years and over	4 815	643	1 978	591	438	467	252	207	139	100	9 433	12 956	467
Male householder, no wife present	2 714	743	597	349	199	381	160	180	68	37	10 122	12 545	475
15 to 24 years	105	—	34	15	8	40	8	—	—	—	13 594	12 781	7
25 to 34 years	457	38	59	94	35	129	41	29	23	9	15 079	16 124	46
35 to 44 years	393	73	52	86	20	78	16	61	7	—	12 078	13 988	64
45 to 64 years	772	139	178	86	73	103	72	86	17	18	12 006	15 278	90
65 years and over	987	493	274	68	63	31	23	4	21	10	5 006	8 152	268
Female householder, no husband present	7 550	3 237	2 179	615	454	556	180	207	85	37	6 054	8 543	2 185
15 to 24 years	106	34	46	22	2	—	—	2	—	—	7 262	6 906	43
25 to 34 years	411	80	152	65	58	37	14	5	—	—	9 256	9 536	89
35 to 44 years	548	89	101	90	60	104	36	53	9	6	12 333	14 141	106
45 to 64 years	2 302	642	774	189	203	297	82	68	35	12	8 180	10 344	502
65 years and over	4 183	2 392	1 106	249	131	118	48	79	41	19	4 597	6 763	1 445
Median age	53.3	70.4	64.9	52.0	50.2	43.3	42.2	46.5	48.3	49.6	...	...	65.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	4 400	364	758	463	437	869	535	639	150	185	15 824	18 512	429
1975 to 1978	9 717	774	1 402	1 102	1 040	1 917	1 412	1 333	532	205	16 365	18 643	869
1970 to 1974	6 295	795	1 047	607	495	1 201	766	900	304	180	15 783	17 864	717
1960 to 1969	6 918	1 213	1 344	540	558	1 057	759	876	396	175	14 122	17 231	854
1959 or earlier	8 401	2 215	2 199	712	678	968	527	668	286	148	9 454	13 275	1 422
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	35 192	5 098	6 644	3 344	3 186	6 000	3 969	4 401	1 657	893	14 470	17 083	4 082
1.01 or more persons per room	675	66	53	79	79	205	80	67	40	6	16 155	17 435	128
Lacking complete plumbing for exclusive use	539	263	106	80	22	12	30	15	11	—	5 285	8 526	209
1.01 or more persons per room	63	22	22	6	—	2	3	8	—	—	6 827	10 261	42
Heating equipment	35 726	5 358	6 748	3 424	3 208	6 012	3 999	4 416	1 668	893	14 318	16 956	4 291
Central heating system	26 286	2 890	4 391	2 475	2 265	4 730	3 339	3 867	1 521	808	16 073	18 714	2 258
Air conditioning	23 802	2 566	3 848	2 055	2 126	4 264	3 050	3 623	1 448	822	16 392	19 210	1 939
Central system	9 552	493	969	738	657	1 634	1 518	1 970	989	584	20 891	24 279	469
Vehicles available	33 471	3 736	6 247	3 367	3 176	5 993	3 985	4 412	1 668	887	15 156	17 788	3 113
1	10 702	2 611	3 384	1 308	883	1 272	466	474	209	95	8 926	11 431	1 750
2 or more	22 769	1 125	2 863	2 059	2 293	4 721	3 519	3 938	1 459	792	18 049	20 776	1 363
House heating fuel	35 726	5 358	6 748	3 424	3 208	6 012	3 999	4 416	1 668	893	14 318	16 956	4 291
Utility gas	23 508	3 746	4 563	2 193	1 947	3 817	2 529	2 988	1 102	623	14 108	16 982	2 714
Bottled, tank, or LP gas	5 645	904	1 179	590	588	927	533	572	250	102	13 136	15 803	812
Electricity	3 381	152	356	274	334	733	557	585	246	144	18 923	21 270	195
Fuel oil, kerosene, etc.	135	19	44	11	17	13	1	30	—	—	11 023	12 981	18
Other	3 057	537	606	356	322	522	379	241	70	24	12 729	14 288	552
Median rooms	5.4	4.7	5.0	5.2	5.3	5.5	5.7	6.1	6.5	7.2	...	...	4.7
Specified owner-occupied housing units	25 986	3 889	4 834	2 439	2 229	4 402	3 004	3 325	1 201	663	14 554	17 040	2 950
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	13 855	814	1 564	1 259	1 348	3 036	2 183	2 407	823	421	18 023	20 296	908
Less than \$200	4 365	465	809	568	541	928	468	450	115	21	14 032	15 286	439
\$200 to \$249	2 655	165	327	276	277	682	488	329	82	29	16 682	17 794	189
\$250 to \$299	2 023	80	205	170	172	572	327	360	89	48	17 933	19 665	94
\$300 to \$349	1 613	43	99	123	174	371	314	334	130	25	19 864	21 374	90
\$350 to \$399	1 057	7	64	81	56	203	238	308	88	12	22 109	22 598	31
\$400 to \$499	1 159	22	40	40	90	179	188	345	160	95	24 782	28 932	24
\$500 to \$599	600	17	12	1	29	71	112	198	87	73	26 124	31 792	20
\$600 to \$749	253	6	8	—	—	20	34	80	46	59	27 750	39 332	12
\$750 or more	130	9	—	—	9	10	14	3	26	59	35 187	50 318	9
Median	\$248	\$187	\$197	\$211	\$224	\$243	\$271	\$310	\$348	\$469	...	...	\$204
Not mortgaged	12 131	3 075	3 270	1 180	881	1 366	821	918	378	242	9 495	13 321	2 042
Less than \$50	1 090	623	303	48	69	32	13	2	—	—	4 600	5 901	444
\$50 to \$74	3 910	1 314	1 351	383	229	308	161	126	25	13	7 006	9 084	841
\$75 to \$99	3 464	732	955	409	318	476	225	267	62	20	10 275	12 559	466
\$100 to \$124	1 963	281	401	180	156	297	245	237	121	45	14 415	16 805	189
\$125 to \$149	855	50	136	117	52	158	65	164	90	23	17 385	20 555	37
\$150 to \$199	616	67	105	35	49	79	70	91	60	60	17 823	24 182	57
\$200 to \$249	146	2	13	2	6	2	36	26	20	39	30 745	43 877	4
\$250 or more	87	6	6	6	2	14	6	5	—	42	33 357	49 247	4
Median	\$83	\$67	\$75	\$85	\$86	\$93	\$101	\$107	\$121	\$167	...	...	\$67
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	13 855	814	1 564	1 259	1 348	3 036	2 183	2 407	823	421	18 023	20 296	908
Less than 15 percent	5 087	2	85	112	268	1 080	1 084	1 430	670	356	24 533	28 471	7
15 to 19 percent	3 021	8	146	315	387	873	552	593	107	40	18 345	20 159	17
20 to 24 percent	2 064	21	209	340	275	587	322	269	30	11	16 321	17 452	35
25 to 29 percent	1 230	3	311	182	190	285	142	92	13	12	14 066	15 264	37
30 to 34 percent	635	21	205	130	103	116	42	18	—	—	11 760	12 486	26
35 percent or more	1 720	661	608	180	125	95	41	5	3	2	6 494	7 484	688
Not computed	98	98	—	—	—	—	—	—	—	—	2500—	—1 260	98
Median	18.0	50+	30.8	23.0	20.3	17.5	15.1	13.6	11.3	10—	...	...	50+
Not mortgaged	12 131	3 075	3 270	1 180	881	1 366	821	918	378	242	9 495	13 321	2 042
Less than 10 percent	5 574	63	727	652	650	1 211	747	904	378	242	17 514	21 646	85
10 to 14 percent	2 506	277	1 353	447	212	141	62	14	—	—	8 375	9 126	103
15 to 19 percent	1 376	594	680	71	11	8	12	—	—	—	5 478	5 905	239
20 to 24 percent	1 005	658	337	4	6	—	—	—	—	—	4 365	4 63	

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	12 705	3 538	3 677	1 584	1 062	1 525	733	406	149	31	8 756	10 415	3 275
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	5 546	570	1 430	793	650	1 092	601	285	98	27	12 437	13 926	815
15 to 24 years	1 451	210	502	215	159	238	101	22	—	4	10 157	11 173	251
25 to 34 years	1 849	85	355	318	254	454	241	108	29	5	14 139	15 046	195
35 to 44 years	803	69	135	85	128	174	135	61	14	2	14 697	15 548	129
45 to 64 years	1 043	81	276	139	86	193	115	82	55	16	13 241	16 558	141
65 years and over	400	125	162	36	23	33	9	12	—	—	6 705	8 617	99
Male householder, no wife present	2 337	668	720	341	154	246	78	93	37	—	8 327	9 915	472
15 to 24 years	703	139	264	121	50	72	14	34	9	—	8 994	10 285	101
25 to 34 years	683	114	229	119	53	105	33	21	9	—	9 963	10 980	104
35 to 44 years	254	62	53	32	34	22	10	34	7	—	10 938	12 655	62
45 to 64 years	386	129	114	60	10	38	19	4	12	—	7 845	9 496	79
65 years and over	311	224	60	9	7	9	2	—	—	—	3 881	5 021	126
Female householder, no husband present	4 822	2 300	1 527	450	258	187	54	28	14	4	5 286	6 620	1 988
15 to 24 years	820	330	318	100	32	26	8	—	6	—	5 840	6 611	342
25 to 34 years	967	287	387	120	78	58	15	22	—	—	7 174	8 163	342
35 to 44 years	440	74	178	73	87	18	6	—	4	—	9 000	9 280	117
45 to 64 years	930	367	333	110	32	60	16	6	2	4	6 256	7 583	356
65 years and over	1 665	1 242	311	47	29	25	9	—	2	—	3 926	4 489	831
Median age	34.6	59.2	32.1	30.3	31.0	31.8	33.4	34.7	43.9	50.6	...	...	44.8
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	6 813	1 779	2 019	897	590	792	408	227	78	23	8 971	10 629	1 782
1975 to 1978	3 697	917	997	502	337	574	217	116	31	6	9 651	10 815	829
1970 to 1974	942	315	301	103	65	49	61	27	21	—	7 706	9 659	262
1960 to 1969	730	291	223	61	46	40	37	23	7	2	6 516	8 698	219
1959 or earlier	523	236	137	21	24	70	10	13	12	—	5 768	8 574	183
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	12 333	3 326	3 571	1 565	1 039	1 515	731	406	149	31	8 927	10 573	3 056
0.50 or less	7 680	2 644	2 276	896	507	762	315	186	73	21	7 358	9 252	1 924
0.51 to 1.00	4 219	648	1 143	604	479	689	363	212	71	10	11 318	12 794	959
1.01 to 1.50	324	25	102	44	45	50	45	8	5	—	11 989	13 002	108
1.51 or more	110	9	50	21	8	14	8	—	—	—	9 643	10 486	65
Lacking complete plumbing for exclusive use	372	212	106	19	23	10	2	—	—	—	4 177	5 197	219
0.50 or less	139	92	37	—	10	—	—	—	—	—	3 777	4 109	79
0.51 to 1.00	147	64	61	5	5	10	2	—	—	—	5 660	6 334	76
1.01 to 1.50	52	29	6	9	8	—	—	—	—	—	4 250	5 666	35
1.51 or more	34	27	2	5	—	—	—	—	—	—	2500—	4 012	29
SELECTED CHARACTERISTICS													
Heating equipment	12 695	3 532	3 675	1 584	1 062	1 525	733	404	149	31	8 760	10 416	3 273
Central heating system	8 675	2 270	2 357	1 157	736	1 103	564	330	133	25	9 319	11 022	1 998
Air conditioning	6 446	1 659	1 653	812	532	963	420	273	107	27	9 720	11 531	1 389
Central system	2 760	910	652	294	172	366	170	122	59	15	8 392	11 225	678
Vehicles available	10 557	1 952	3 228	1 537	1 025	1 502	730	406	146	31	10 160	11 677	2 063
1	5 885	1 554	2 215	893	449	468	218	62	26	—	8 038	8 870	1 488
2 or more	4 672	398	1 013	644	576	1 034	512	344	120	31	13 720	15 213	575
House heating fuel	12 695	3 532	3 675	1 584	1 062	1 525	733	404	149	31	8 760	10 416	3 273
Utility gas	9 564	2 753	2 845	1 250	771	1 061	507	250	99	28	8 430	9 993	2 559
Bottled, tank, or LP gas	1 155	274	282	111	124	174	101	67	22	—	10 484	12 081	271
Electricity	1 343	374	344	157	104	176	98	61	26	3	9 336	11 811	274
Fuel oil, kerosene, etc.	49	—	20	4	8	5	5	7	—	—	12 656	13 821	4
Other	584	131	184	62	55	109	22	19	2	—	9 468	10 564	165
Median rooms	4.2	3.6	4.1	4.4	4.6	4.7	5.0	5.0	5.7	5.4	...	...	3.9
Specified renter-occupied housing units	11 472	3 269	3 364	1 448	934	1 321	638	338	129	31	8 562	10 252	2 990
CONTRACT RENT													
Less than \$100	3 612	1 712	1 072	294	179	209	100	31	15	—	5 353	7 036	1 407
\$100 to \$149	3 498	814	1 220	458	344	371	173	83	26	9	8 796	10 088	838
\$150 to \$199	2 290	372	678	432	231	369	156	42	10	—	10 550	11 134	395
\$200 to \$249	868	85	153	122	88	216	110	61	28	5	14 602	15 641	72
\$250 to \$299	298	21	26	27	28	47	42	77	21	9	20 000	24 266	27
\$300 to \$349	62	5	11	2	—	12	14	12	6	—	20 357	20 164	11
\$350 to \$399	32	3	—	—	—	8	8	8	5	—	21 786	23 142	3
\$400 to \$499	44	8	3	4	—	5	7	—	11	6	20 714	25 571	8
\$500 or more	12	—	2	—	10	—	—	—	—	—	13 500	12 785	—
No cash rent	756	249	199	109	54	84	28	24	7	2	7 989	9 697	229
Median	\$123	\$89	\$118	\$137	\$134	\$153	\$156	\$201	\$230	\$251	...	...	\$98
GROSS RENT													
Less than \$100	1 667	1 134	376	49	23	45	21	15	4	—	4 045	5 146	820
\$100 to \$149	2 767	895	1 100	298	194	186	57	21	16	—	6 775	7 954	832
\$150 to \$199	2 788	594	909	455	234	355	164	58	14	5	9 437	10 360	624
\$200 to \$249	1 908	274	519	347	252	313	140	46	13	4	11 160	11 879	321
\$250 to \$299	877	64	204	127	111	170	124	50	27	—	13 480	14 591	88
\$300 to \$349	422	37	24	48	43	114	53	69	22	12	18 489	22 096	39
\$350 to \$399	133	—	22	11	13	26	20	37	4	—	18 472	19 611	9
\$400 to \$499	99	14	9	—	—	21	24	18	11	2	20 859	21 410	20
\$500 or more	55	8	2	4	10	7	7	—	11	6	16 250	23 459	8
No cash rent	756	249	199	109	54	84	28	24	7	2	7 989	9 697	229
Median	\$166	\$119	\$155	\$188	\$197	\$205	\$217	\$275	\$275	\$323	...	...	\$130
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	2 318	36	296	235	274	668	424	245	111	29	16 997	19 172	55
15 to 19 percent	1 709	105	369	390	308	340	123	63	11	—	12 439	13 221	91
20 to 24 percent	1 846	273	769	391	195	164	48	6	—	—	9 213	9 709	236
25 to 29 percent	1 264	319	611	204	79	43	8	—	—	—	7 686	7 804	220
30 to 34 percent	784	244	411	93	14	15	7	—	—	—	6 529	6 752	204
35 to 49 percent	1 178	571	578	22	—	7	—	—	—	—	5 104	5 093	576
50 percent or more	1 464	1 319	131	4	10	—	—	—	—	—	2 770	2 919	1 226
Not computed	909	402	199	109	54	84	28	24	7	2	6 172	7 939	382
Median	23.4	47.1	26.2	20.6	17.7	14.5	12.9	11.9	10—	10—	...	...	47.9

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	13 855	4 365	2 655	2 023	1 613	1 057	1 159	600	253	130	248
PERSONS IN UNIT											
1 person	1 283	716	186	147	99	52	61	20	2	—	189
2 persons	3 814	1 503	709	618	352	263	208	106	44	11	228
3 persons	3 014	855	542	502	401	199	289	156	47	23	261
4 persons	3 497	801	745	460	435	318	380	208	86	64	272
5 persons	1 509	369	366	210	188	97	130	65	61	23	255
6 persons	457	73	61	66	42	96	68	34	8	9	334
7 persons	221	46	36	4	67	32	20	11	5	—	318
8 or more persons	60	2	10	16	29	—	3	—	—	—	303
Median	3.11	2.48	3.30	2.99	3.39	3.55	3.56	3.59	3.89	3.98	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	11 287	3 156	2 173	1 691	1 382	906	1 056	563	243	117	259
15 to 24 years	738	229	157	146	99	49	34	9	8	7	245
25 to 34 years	3 581	737	717	520	520	363	375	244	73	32	282
35 to 44 years	2 896	658	567	339	387	265	351	151	115	63	283
45 to 64 years	3 576	1 287	659	616	333	200	279	142	46	14	238
65 years and over	496	245	73	70	43	29	17	17	1	1	202
Male householder, no wife present	790	279	144	115	88	95	53	7	2	1	240
15 to 24 years	46	17	14	7	6	—	2	—	—	—	221
25 to 34 years	274	56	57	60	30	60	9	—	2	—	270
35 to 44 years	166	35	40	39	18	15	10	2	—	7	260
45 to 64 years	254	148	21	9	19	20	32	5	—	—	182
65 years and over	50	23	—	—	15	—	—	—	—	—	208
Female householder, no husband present	1 778	930	338	217	143	56	50	30	8	6	196
15 to 24 years	36	18	—	4	2	6	—	—	6	—	225
25 to 34 years	280	73	82	49	38	14	9	9	—	6	241
35 to 44 years	330	111	86	54	54	12	10	3	—	—	231
45 to 64 years	771	466	124	86	35	22	31	5	2	—	185
65 years and over	361	262	46	24	14	2	—	13	—	—	165
Median age	40.2	47.7	38.7	40.0	37.1	35.9	38.6	37.2	38.0	37.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	2 519	393	329	401	338	333	327	204	128	66	320
1975 to 1978	5 520	1 310	1 068	839	855	488	533	292	87	48	273
1970 to 1974	2 898	1 006	739	453	266	155	181	69	15	14	230
1960 to 1969	2 192	1 190	374	269	134	64	113	31	17	—	193
1959 or earlier	726	466	145	61	20	17	5	4	6	2	179
ROOMS											
1 to 3 rooms	214	150	23	21	6	11	—	3	—	—	170
4 rooms	1 560	913	317	167	78	38	27	18	2	—	184
5 rooms	4 376	1 778	1 121	652	407	215	126	67	10	—	218
6 rooms	3 836	1 013	722	659	575	305	407	105	42	8	264
7 rooms	1 953	302	294	313	313	256	242	152	53	28	311
8 or more rooms	1 916	209	178	211	234	232	357	255	146	94	377
Median	5.7	5.1	5.4	5.8	6.0	6.4	6.6	7.2	7.7	8.5	...
YEAR STRUCTURE BUILT											
1975 to March 1980	2 121	236	245	265	276	238	399	242	152	68	358
1970 to 1974	2 153	290	542	342	343	238	237	118	37	6	286
1960 to 1969	2 537	662	529	474	336	212	198	76	31	19	258
1950 to 1959	2 055	817	417	357	205	91	94	61	7	6	225
1940 to 1949	1 582	735	358	166	131	86	45	44	17	—	208
1939 or earlier	3 407	1 625	564	419	322	192	186	59	9	31	207
VALUE											
Less than \$10,000	687	526	83	47	31	—	—	—	—	—	149
\$10,000 to \$19,999	2 363	1 565	472	183	90	33	10	10	—	—	180
\$20,000 to \$29,999	3 342	1 208	974	635	314	127	64	20	—	—	224
\$30,000 to \$39,999	2 801	692	611	554	470	259	167	31	9	8	259
\$40,000 to \$49,999	1 791	223	363	291	339	240	250	70	13	2	303
\$50,000 to \$59,999	1 159	112	94	189	212	162	254	106	30	—	344
\$60,000 to \$79,999	1 082	30	57	117	116	182	252	221	91	16	413
\$80,000 to \$99,999	363	9	—	5	37	35	110	94	43	30	488
\$100,000 to \$149,999	227	—	—	—	4	13	52	41	58	59	609
\$150,000 or more	40	—	1	2	—	6	—	7	9	15	667
Median	\$31 700	\$20 600	\$27 700	\$32 300	\$37 700	\$44 500	\$52 700	\$65 800	\$76 900	\$104 900	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	5 087	2 421	1 097	636	374	160	240	106	42	11	206
15 to 19 percent	3 021	770	624	525	411	314	239	72	43	23	261
20 to 24 percent	2 064	371	365	347	306	237	246	133	38	21	293
25 to 29 percent	1 230	220	171	165	203	125	155	124	42	25	315
30 to 34 percent	635	119	74	98	119	64	75	57	26	3	311
35 percent or more	1 720	419	319	235	192	150	204	94	62	45	276
Not computed	98	45	5	17	8	7	—	14	—	2	240
Median	18.0	14.0	16.8	18.5	20.3	21.1	22.0	24.3	25.4	26.8	...
SELECTED CHARACTERISTICS											
Heating equipment	13 855	4 365	2 655	2 023	1 613	1 057	1 159	600	253	130	248
Steam or hot water system	243	5	18	26	44	45	55	29	11	10	382
Central warm-air furnace or electric heat pump	8 513	1 891	1 611	1 308	1 116	773	964	508	232	110	279
Other built-in electric units	966	182	279	209	130	85	50	30	—	1	255
Floor, wall, or pipeless furnace	2 226	1 199	410	288	213	65	27	22	—	2	194
Other means	1 907	1 088	337	192	110	89	63	11	10	7	187
Air conditioning	10 287	2 747	1 895	1 546	1 315	844	1 032	549	240	119	266
Central system	4 830	635	670	636	717	534	850	458	222	108	333
1 or more individual room units	5 457	2 112	1 225	910	598	310	182	91	18	11	225
House heating fuel	13 855	4 365	2 655	2 023	1 613	1 057	1 159	600	253	130	248
Utility gas	10 453	3 694	2 061	1 499	1 161	719	758	353	147	61	237
Battled, tank, or LP gas	912	219	134	125	139	92	103	59	26	15	291
Electricity	1 965	261	363	316	269	203	254	177	75	47	308
Fuel oil, kerosene, etc.	36	—	—	19	1	6	—	—	—	—	297
Other	489	191	97	64	43	37	34	11	5	7	228

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	12 131	1 090	3 910	3 464	1 963	855	616	146	87	83
PERSONS IN UNIT										
1 person	4 257	719	1 737	1 042	492	133	106	9	19	70
2 persons	5 502	253	1 666	1 730	918	429	372	89	45	87
3 persons	1 151	64	243	338	247	156	76	14	13	95
4 persons	699	14	183	215	158	77	35	15	2	93
5 persons	325	15	58	69	98	48	12	19	6	105
6 persons	135	9	9	53	42	12	8	—	2	98
7 persons	41	16	8	13	4	—	—	—	—	64
8 or more persons	21	—	6	4	4	—	7	—	—	103
Median	1.83	1.26	1.63	1.90	2.03	2.19	2.04	2.22	2.04	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	6 819	285	1 836	2 089	1 291	637	486	129	66	90
15 to 24 years	67	5	23	22	17	—	—	—	—	81
25 to 34 years	327	24	93	105	48	31	13	7	6	86
35 to 44 years	569	32	118	153	140	61	48	17	—	97
45 to 64 years	2 982	98	645	909	695	302	215	89	29	96
65 years and over	2 874	126	957	900	391	243	210	16	31	85
Male householder, no wife present	1 062	263	371	260	86	59	23	—	—	68
15 to 24 years	19	—	4	13	—	2	—	—	—	86
25 to 34 years	66	3	29	20	2	9	3	—	—	76
35 to 44 years	121	41	24	25	9	22	—	—	—	70
45 to 64 years	237	30	92	67	34	7	—	—	—	74
65 years and over	619	189	222	135	41	19	13	—	—	64
Female householder, no husband present	4 250	542	1 703	1 115	586	159	107	17	21	73
15 to 24 years	22	3	7	6	6	—	—	—	—	79
25 to 34 years	42	8	12	16	6	—	—	—	—	77
35 to 44 years	101	4	13	44	13	10	3	6	8	94
45 to 64 years	1 030	137	396	227	194	34	42	—	—	74
65 years and over	3 055	390	1 275	822	367	115	62	11	13	72
Median age	66.3	70.3	69.0	66.1	61.6	62.7	64.0	57.7	65.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	620	59	150	183	92	61	44	19	12	89
1975 to 1978	1 680	99	417	522	315	147	119	44	17	91
1970 to 1974	1 527	121	447	435	302	142	54	22	4	86
1960 to 1969	2 940	278	1 017	730	492	183	185	32	23	81
1959 or earlier	5 364	533	1 879	1 594	762	322	214	29	31	79
ROOMS										
1 to 3 rooms	575	243	183	105	28	7	5	—	4	56
4 rooms	2 946	449	1 312	772	216	100	87	2	8	70
5 rooms	4 257	291	1 545	1 410	635	217	104	35	20	80
6 rooms	2 564	75	638	800	593	267	161	26	4	93
7 rooms	1 114	21	180	292	309	149	140	23	—	105
8 or more rooms	675	11	52	85	182	115	119	60	51	127
Median	5.1	4.2	4.8	5.1	5.7	5.9	6.2	6.9	8.3	...
YEAR STRUCTURE BUILT										
1975 to March 1980	478	16	72	136	106	57	71	13	7	104
1970 to 1974	482	14	41	145	171	66	23	14	8	106
1960 to 1969	1 388	54	273	345	321	180	166	43	6	102
1950 to 1959	1 816	63	429	602	341	188	152	27	14	92
1940 to 1949	1 516	165	578	481	163	81	37	11	—	76
1939 or earlier	6 451	778	2 517	1 755	861	283	167	38	52	74
VALUE										
Less than \$10,000	2 178	622	953	415	124	37	23	2	2	62
\$10,000 to \$19,999	3 753	362	1 719	1 132	342	108	84	4	2	72
\$20,000 to \$29,999	2 626	64	882	972	460	159	63	2	24	84
\$30,000 to \$39,999	1 500	12	256	547	426	170	79	8	2	97
\$40,000 to \$49,999	891	16	85	213	321	149	66	37	4	110
\$50,000 to \$59,999	555	14	8	134	206	115	72	6	—	115
\$60,000 to \$79,999	326	—	2	36	54	99	118	17	—	143
\$80,000 to \$99,999	138	—	3	13	18	17	61	26	—	165
\$100,000 to \$149,999	120	—	2	2	12	1	31	27	45	222
\$150,000 or more	44	—	—	—	—	—	19	17	8	209
Median	\$20 400	\$10 000—	\$15 600	\$21 500	\$31 300	\$34 900	\$49 100	\$77 000	\$110 800	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	5 574	476	1 722	1 590	956	463	249	76	42	84
10 to 14 percent	2 506	272	785	707	379	168	149	41	5	82
15 to 19 percent	1 376	192	538	344	149	89	44	6	14	73
20 to 24 percent	1 005	98	358	305	143	41	52	8	—	79
25 to 29 percent	618	24	235	200	89	30	32	—	8	81
30 to 34 percent	295	—	80	125	51	14	21	4	—	88
35 percent or more	680	20	159	170	188	50	64	11	18	99
Not computed	77	8	33	23	8	—	5	—	—	73
Median	10.9	11.2	11.4	10.9	10.3	10—	11.9	10—	11.5	...
SELECTED CHARACTERISTICS										
Heating equipment	12 126	1 088	3 907	3 464	1 963	855	616	146	87	83
Steam or hot water system	315	—	8	70	131	29	26	26	25	115
Central warm-air furnace or electric heat pump	5 221	116	952	1 675	1 225	646	448	109	50	98
Other built-in electric units	205	9	51	78	32	20	10	5	—	89
Floor, wall, or pipeless furnace	2 683	327	1 266	811	214	31	30	—	4	70
Other means	3 702	636	1 630	830	361	129	102	6	8	69
Air conditioning	7 890	328	2 148	2 453	1 546	696	499	139	81	90
Central system	2 553	31	243	706	622	424	334	129	64	112
1 or more individual room units	5 337	297	1 905	1 747	924	272	165	10	17	82
House heating fuel	12 126	1 088	3 907	3 464	1 963	855	616	146	87	83
Utility gas	10 086	898	3 472	2 898	1 600	655	374	111	78	81
Bottled, tank, or LP gas	1 066	36	172	306	219	126	187	16	4	102
Electricity	420	9	70	133	81	56	49	17	5	100
Fuel oil, kerosene, etc.	30	—	6	4	16	2	2	—	—	108
Other	524	145	187	123	47	16	4	2	—	66

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

Occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Male householder, no wife present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Female householder, no husband present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Median age

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980

1975 to 1978

1970 to 1974

1960 to 1969

1959 or earlier

ROOMS

1 room

2 rooms

3 rooms

4 rooms

5 rooms

6 rooms

7 or more rooms

Median

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

Lacking complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

PERSONS IN UNIT

1 person

2 persons

3 persons

4 persons

5 persons

6 or more persons

Median

Total persons

UNITS IN STRUCTURE

1, detached or attached

2

3 and 4

5 to 9

10 to 49

50 or more

Mobile home or trailer, etc.

SELECTED CHARACTERISTICS

Heating equipment

Steam or hot water system

Central warm-air furnace or electric heat pump

Other built-in electric units

Floor, wall, or pipeless furnace

Other means

Air conditioning

Central system

1 or more individual room units

House heating fuel

Utility gas

Bottled, tank, or LP gas

Electricity

Fuel oil, kerosene, etc.

Other

Income in 1979 below poverty level

Percent below poverty level

HOUSEHOLD INCOME IN 1979

Less than \$5,000

\$5,000 to \$9,999

\$10,000 to \$14,999

\$15,000 to \$19,999

\$20,000 to \$24,999

\$25,000 to \$34,999

\$35,000 to \$49,999

\$50,000 or more

Median

Mean

Owner-occupied housing units

Renter-occupied housing units

Total

1975 to
March 19801970 to
19741960 to
19691940 to
19591939 or
earlier

Total

1975 to
March 19801970 to
19741960 to
19691940 to
19591939 or
earlier

35 731

3 929

4 135

5 401

9 074

13 192

12 705

1 376

1 252

1 602

4 014

4 461

25 467

3 303

3 420

4 133

6 447

8 164

5 546

428

463

875

1 894

1 886

1 121

273

216

107

304

221

1 451

79

116

249

579

428

5 113

1 144

991

768

1 062

1 148

1 849

146

192

316

685

510

4 993

857

901

931

1 016

1 288

803

67

66

86

326

258

9 425

844

1 063

1 679

2 674

3 165

1 043

102

39

183

231

488

4 815

185

249

648

1 391

2 342

4 400

34

50

41

73

202

2 714

280

208

342

791

1 143

2 337

221

175

213

797

931

105

34

17

17

29

8

703

36

82

95

325

165

457

74

46

70

156

111

683

90

45

56

244

248

393

15

50

29

141

158

254

30

3

35

92

94

772

86

75

112

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7 550

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3 885

4 822

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1 323

1 644

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2 302

159

217

301

669

956

930

136

58

75

257

404

4 183

45

129

408

972

2 629

1 665

383

246

127

241

668

53.3

38.1

41.2

50.6

55.3

61.4

34.6

47.4

33.2

31.6

29.7

43.9

4 400

1 399

529

562

910

1 000

6 813

922

691

933

2 384

1 883

9 717

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8)

The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	35 731	33 097	651	1 983	12 705	7 583	913	1 135	665	1 174	507	728
Condominium housing units	—	—	—	—	57	—	—	5	24	12	16	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	25 467	23 707	374	1 386	5 546	4 172	296	225	157	234	101	361
15 to 24 years	1 121	836	40	245	1 451	961	101	117	51	61	15	145
25 to 34 years	5 113	4 670	46	397	1 849	1 424	116	61	24	86	27	111
35 to 44 years	4 993	4 696	50	247	803	664	18	16	16	36	5	48
45 to 64 years	9 425	8 937	127	361	1 043	849	40	15	48	33	25	33
65 years and over	4 815	4 568	111	136	400	274	21	16	18	18	29	24
Male householder, no wife present	2 714	2 477	54	183	2 337	1 084	201	303	205	317	80	147
15 to 24 years	105	90	—	15	703	262	89	139	59	86	13	55
25 to 34 years	457	412	10	35	683	345	48	73	75	97	7	38
35 to 44 years	393	373	10	10	254	125	21	17	15	38	1	37
45 to 64 years	772	695	17	60	386	203	31	54	17	62	12	7
65 years and over	987	907	17	63	311	149	12	20	39	34	47	10
Female householder, no husband present	7 550	6 913	223	414	4 822	2 327	416	607	303	623	326	220
15 to 24 years	106	63	8	35	820	333	74	115	76	115	32	75
25 to 34 years	411	348	10	53	967	555	72	95	23	107	33	82
35 to 44 years	548	503	8	37	440	285	53	43	14	15	15	15
45 to 64 years	2 302	2 119	68	115	930	511	85	105	88	85	30	26
65 years and over	4 183	3 880	129	174	1 665	643	132	249	102	301	216	222
Median age	53.3	53.7	56.3	42.3	34.6	34.6	32.5	32.9	38.2	40.6	68.1	27.7
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	4 400	3 804	85	511	6 813	3 693	576	801	352	652	254	485
1975 to 1978	9 717	8 766	130	821	3 697	2 271	233	234	191	388	198	182
1970 to 1974	6 295	5 696	107	492	942	626	32	70	60	84	38	32
1960 to 1969	6 918	6 618	159	141	730	558	26	30	44	32	11	29
1959 or earlier	8 401	8 213	170	18	523	435	46	—	18	18	6	—
ROOMS												
1 room	70	48	—	22	203	15	11	25	33	109	10	—
2 rooms	173	117	12	44	710	165	46	123	122	138	91	25
3 rooms	1 216	878	84	254	2 728	808	330	528	250	373	310	129
4 rooms	6 707	5 502	157	1 048	3 810	2 259	366	269	131	357	70	358
5 rooms	11 343	10 728	159	456	2 994	2 333	119	114	86	122	23	197
6 rooms	8 585	8 397	79	109	1 411	1 204	34	67	34	60	3	9
7 or more rooms	7 637	7 427	160	50	849	799	7	9	9	15	—	10
Median	5.4	5.4	5.0	4.1	4.2	4.7	3.7	3.3	3.2	3.4	3.0	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	35 192	32 623	625	1 944	12 333	7 454	873	1 092	598	1 104	507	705
0.50 or less	23 358	21 976	408	974	7 680	4 305	600	771	414	820	400	370
0.51 to 1.00	11 159	10 076	209	874	4 219	2 854	243	293	169	261	96	303
1.01 to 1.50	571	487	6	78	324	249	11	14	13	5	—	32
1.51 or more	104	84	2	18	110	46	19	14	2	18	11	—
Locking complete plumbing for exclusive use	539	474	26	39	372	129	40	43	67	70	—	23
0.50 or less	283	245	21	17	139	48	19	18	26	12	—	16
0.51 to 1.00	193	174	5	14	147	52	15	25	19	36	—	7
1.01 to 1.50	28	28	—	—	52	22	6	—	17	—	—	—
1.51 or more	35	27	—	8	34	7	—	—	5	22	—	—
BEDROOMS												
None	116	94	—	22	346	50	17	52	59	144	24	—
1	1 922	1 611	124	187	4 003	1 405	427	754	370	539	408	100
2	13 772	12 210	263	1 299	5 371	3 586	435	238	178	367	60	507
3	16 179	15 534	204	441	2 464	2 051	27	79	58	119	15	115
4	3 153	3 073	48	32	440	410	7	12	—	5	—	6
5 or more	589	575	12	2	81	81	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	5 361	4 845	115	401	3 538	1 535	267	472	306	447	276	235
\$5,000 to \$9,999	6 750	6 183	133	434	3 677	2 094	289	410	170	346	131	237
\$10,000 to \$12,499	3 424	3 153	89	182	1 584	1 085	102	115	65	105	23	89
\$12,500 to \$14,999	3 208	2 954	37	217	1 062	770	59	58	25	62	18	70
\$15,000 to \$19,999	6 012	5 554	79	379	1 525	1 093	112	63	47	131	25	54
\$20,000 to \$24,999	3 999	3 753	60	186	733	555	64	—	28	38	23	25
\$25,000 to \$34,999	4 416	4 188	92	136	406	316	14	13	10	31	4	18
\$35,000 to \$49,999	1 668	1 584	36	48	149	107	6	4	11	14	7	—
\$50,000 or more	893	883	10	—	31	28	—	—	3	—	—	—
Median	\$14 316	\$14 504	\$12 177	\$12 150	\$8 756	\$10 374	\$8 562	\$5 944	\$5 683	\$6 636	\$4 735	\$7 589
Mean	\$16 954	\$17 207	\$16 354	\$12 936	\$10 415	\$11 726	\$9 771	\$7 047	\$9 370	\$8 779	\$7 225	\$8 643
SELECTED CHARACTERISTICS												
Heating equipment	35 726	33 092	651	1 983	12 695	7 579	913	1 129	665	1 174	507	728
Steam or hot water system	833	784	47	2	515	75	18	60	66	255	41	—
Central warm-air furnace or electric heat pump	18 098	16 348	220	1 530	4 916	2 195	344	490	275	706	388	518
Other built-in electric units	1 582	1 484	39	59	466	171	60	87	32	49	55	12
Floor, wall, or pipeless furnace	5 773	5 574	123	76	2 778	2 068	254	211	94	58	6	87
Other means	9 440	8 902	222	316	4 020	3 070	237	281	198	106	17	111
Air conditioning	23 802	22 194	381	1 227	6 446	3 244	460	604	325	849	474	490
Central system	9 552	8 855	101	596	2 760	676	247	341	215	727	427	127
Vehicles available	33 471	31 017	573	1 881	10 557	6 729	796	813	471	785	310	653
1	10 702	9 787	188	727	5 885	3 139	538	653	317	608	258	372
2 or more	22 769	21 230	385	1 154	4 672	3 590	258	160	154	177	52	281
House heating fuel	35 726	33 092	651	1 983	12 695	7 579	913	1 129	665	1 174	507	728
Utility gas	23 508	22 359	449	700	9 564	5 852	760	976	534	807	249	386
Bottled, tank, or LP gas	5 645	4 649	76	920	1 155	867	6	13	1	4	—	264
Electricity	3 381	3 163	54	164	1 343	292	131	133	109	358	258	62
Fuel oil, kerosene, etc.	1 135	121	—	14	49	30	8	6	—	5	—	—
Other	3 057	2 800	72	185	584	538	8	1	21	—	—	16
Water heating fuel	35 483	32 884	651	1 948	12 559	7 504	913	1 135	656	1 123	507	721
Utility gas	22 258	21 281	448	529	9 167	5 628	729	938	533	744	259	336
Bottled, tank, or LP gas	5 527	4 695	96	736	1 333	1 007	17	35	19	20	6	229
Electricity	7 622	6 832	107	683	2 030	854	159	162	98	359	242	156
Fuel oil, kerosene, etc.	24	24	—	—	23	15	8	—	—	—	—	—
Other	52	52	—	—	6	—	—	—	6	—	—	—
Family householder	28 235	26 260	447	1 528	7 489	5 388	456	385	232	382	135	511
With own children under 18 years	12 804	11 854	161	789	4 644	3 393	237	258	150	222	44	340
With own children under 6 years	5 142	4 641	65	436	2 688	1 873	149	181	74	153	27	231
Female householder, no husband present	2 173	1 993	63	117	1 678	1 072	129	141	56	118	28	134
With own children under 18 years	939	844	11	84	1 298	812	87	119	49	94	12	125
With own children under 6 years	152	123	—	29	592	296	41	71	22	70	—	92
Nonfamily householder	7 496	6 837	204	455	5 216	2 195	457	750	433	792	372	217
Income in 1979 below poverty level	4 291	3 789	81	421	3 275	1 671	223	389	228	340	178	246
Percent below poverty level	12.0	11.4	12.4	21.2	25.8	22.0	24.4	34.3	34.3	29.0	35.1	33.8

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	35 731	7 188	12 928	6 064	5 692	2 565	819	357	118	2.33	95 290
Nonrelatives present	678	—	236	158	142	79	36	14	13	3.15	2 397
ROOMS											
1 to 3 rooms	1 459	755	491	126	51	34	—	2	—	1.47	2 464
4 rooms	6 707	2 171	2 763	969	580	146	34	41	3	1.93	14 092
5 rooms	11 343	2 405	4 414	1 989	1 627	667	157	65	19	2.24	28 356
6 rooms	8 585	1 195	3 293	1 432	1 593	708	248	86	30	2.44	24 575
7 rooms	4 126	398	1 214	795	987	491	125	88	28	3.07	13 302
8 or more rooms	3 511	264	753	753	854	519	255	75	38	3.48	12 501
Median	5.4	4.8	5.2	5.5	5.9	6.1	6.4	6.3	6.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	35 192	6 982	12 789	5 973	5 653	2 537	812	331	115	2.33	93 962
1.00 or less	34 517	6 982	12 772	5 960	5 606	2 372	628	163	34	2.30	90 048
1.01 to 1.50	571	—	—	11	34	137	184	143	62	6.06	3 390
1.51 or more	104	—	17	2	13	28	—	25	19	5.21	524
Lacking complete plumbing for exclusive use	539	206	139	91	39	28	7	26	3	1.96	1 328
1.00 or less	476	206	131	91	35	13	—	—	—	1.74	955
1.01 to 1.50	28	—	—	—	4	9	7	8	—	5.64	167
1.51 or more	35	—	8	—	—	6	—	18	3	6.69	206
UNITS IN STRUCTURE											
1, detached or attached	33 097	6 572	12 067	5 500	5 350	2 393	766	336	113	2.33	88 577
2 or more	651	186	221	118	59	50	13	—	4	2.13	1 632
Mobile home or trailer, etc.	1 983	430	640	446	283	122	40	21	1	2.38	5 081
VALUE											
Specified owner-occupied housing units	25 986	5 540	9 316	4 165	4 196	1 834	592	262	81	2.30	68 821
Less than \$10,000	2 865	1 159	941	262	272	131	28	63	9	1.79	6 114
\$10,000 to \$19,999	6 116	1 854	2 267	859	664	262	150	44	16	2.03	14 052
\$20,000 to \$29,999	5 968	1 303	2 247	936	850	409	125	72	26	2.25	15 312
\$30,000 to \$39,999	4 301	620	1 490	776	833	410	124	31	17	2.55	12 390
\$40,000 to \$49,999	2 682	304	1 062	485	588	175	35	20	13	2.48	7 666
\$50,000 to \$59,999	1 714	132	637	338	384	166	45	12	—	2.76	5 319
\$60,000 to \$79,999	1 408	130	408	298	365	162	33	12	—	3.06	4 589
\$80,000 to \$99,999	501	17	145	128	122	56	31	2	—	3.19	1 669
\$100,000 to \$149,999	347	15	88	79	96	44	19	6	—	3.39	1 349
\$150,000 or more	84	6	31	4	22	19	2	—	—	3.55	361
Median	\$26 300	\$18 000	\$25 900	\$30 300	\$33 100	\$32 700	\$29 400	\$22 200	\$23 200	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	35 731	7 188	12 928	6 064	5 692	2 565	819	357	118	2.33	95 290
Median income	\$14 316	\$4 986	\$13 327	\$18 588	\$19 396	\$18 745	\$20 160	\$16 021	\$26 190	...	...
Median selected monthly owner costs as percentage of household income	14.8	20.3	12.5	14.1	15.8	14.9	16.7	17.8	14.8	...	...
With a mortgage	18.0	29.6	17.1	17.1	17.5	17.0	19.6	19.2	16.1	...	...
Not mortgaged	10.9	18.1	10—	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	4 291	2 174	976	295	379	252	98	102	15	1.49	...
Median income	\$3 245	\$2 845	\$3 135	\$3 672	\$5 131	\$5 718	\$7 500	\$7 903	\$8 438	...	...
Median selected monthly owner costs as percentage of household income	32.3	29.8	31.8	45.0	50+	37.5	38.0	42.6	28.8	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	44.3	47.6	27.5	...	...
Not mortgaged	27.1	28.3	25.4	27.9	22.0	13.8	19.4	15.3	50+	...	...
Renter-occupied housing units	12 705	4 622	3 509	2 013	1 398	703	277	149	34	1.99	29 795
Nonrelatives present	868	—	471	201	117	34	20	25	—	2.42	2 508
ROOMS											
1 room	203	149	32	17	—	—	—	5	—	1.18	308
2 rooms	710	573	105	15	6	—	11	—	—	1.12	883
3 rooms	2 728	1 779	638	235	43	16	8	9	—	1.27	4 105
4 rooms	3 810	1 214	1 388	644	382	107	54	21	—	2.00	8 237
5 rooms	2 994	688	845	594	524	247	57	32	7	2.46	8 194
6 rooms	1 411	166	326	337	232	201	82	55	12	3.13	4 820
7 or more rooms	849	53	175	171	211	132	65	27	15	3.62	3 248
Median	4.2	3.4	4.2	4.7	5.0	5.4	5.6	5.6	6.3	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	12 333	4 473	3 426	1 967	1 358	674	269	138	28	1.99	28 929
1.00 or less	11 899	4 473	3 409	1 951	1 320	570	147	27	2	1.93	26 526
1.01 to 1.50	324	—	—	8	37	88	103	81	7	5.78	1 862
1.51 or more	110	—	17	8	1	16	19	30	19	6.18	541
Lacking complete plumbing for exclusive use	372	149	83	46	40	29	8	11	6	1.95	866
1.00 or less	286	149	68	30	29	10	—	—	—	1.46	531
1.01 to 1.50	52	—	—	7	6	19	8	6	6	5.18	205
1.51 or more	34	—	15	9	5	—	—	5	—	2.72	130
UNITS IN STRUCTURE											
1, detached or attached	7 583	1 856	2 235	1 409	1 099	577	237	138	32	2.37	20 720
2	913	386	333	118	46	17	8	5	—	1.71	1 702
3 and 4	1 135	713	213	117	39	53	—	—	—	1.30	1 960
5 to 9	665	373	160	60	45	17	8	—	2	1.39	1 183
10 to 49	1 174	756	242	104	49	17	—	6	—	1.28	1 786
50 or more	507	363	94	22	13	4	11	—	—	1.20	758
Mobile home or trailer, etc.	728	175	232	183	107	18	13	—	—	2.31	1 686
GROSS RENT											
Specified renter-occupied housing units	11 472	4 367	3 130	1 825	1 203	566	217	138	26	1.94	26 260
Less than \$100	1 667	1 327	223	69	20	11	2	9	6	1.13	2 245
\$100 to \$149	2 767	1 252	831	383	154	73	40	27	7	1.66	5 528
\$150 to \$199	2 788	771	899	515	345	153	73	32	—	2.19	6 675
\$200 to \$249	1 908	499	471	431	298	130	46	31	2	2.47	4 920
\$250 to \$299	877	167	282	165	174	74	13	—	2	2.46	2 430
\$300 to \$349	422	44	129	80	117	24	5	18	5	2.97	1 329
\$350 to \$399	133	5	32	31	19	38	3	5	—	3.45	539
\$400 to \$499	99	9	21	7	28	28	6	—	—	3.95	409
\$500 or more	55	—	23	7	14	2	—	—	—	3.14	162
No cash rent	756	293	219	137	34	33	20	16	4	1.89	2 023
Median	\$166	\$128	\$170	\$191	\$211	\$212	\$185	\$195	\$127	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	12 705	4 622	3 509	2 013	1 398	703	277	149	34	1.99	29 795
Median income	\$8 756	\$5 012	\$9 754	\$11 024	\$12 884	\$14 310	\$11 573	\$10 043	\$11 250	...	...
Median gross rent as percentage of household income	23.4	27.7	21.2	21.6	19.9	20.9	23.1	23.0	23.9	...	...
Income in 1979 below poverty level	3 275	1 521	658	422	298	143	119	93	21	1.68	...
Median income	\$3 188	\$2 635	\$2 934	\$3 516	\$4 579	\$5 653	\$6 528	\$7 096	\$9 107	...	...
Median gross rent as percentage of household income	47.9	46.3	50+	50.0	49.9	37.9	34.4	28.6	24.7	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		
	Total																				
	Owner-occupied housing units																				
PERSONS IN UNIT																					
7 188	1 person	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12 928	2 persons	574	752	434	5 128	68	290	196	523	891	49	88	96	1 425	3 562	69.0					
6 064	3 persons	316	1 329	934	2 305	22	77	86	164	90	24	122	127	507	488	61.2					
5 692	4 persons	182	2 090	1 096	1 102	9	61	19	37	3	13	135	174	214	105	45.0					
2 565	5 persons	49	705	1 094	561	—	27	11	28	—	7	39	102	108	12	37.0					
1 294	6 or more persons	237	329	16	329	6	—	20	15	3	—	18	36	30	13	38.9					
2.33	Median	2.48	3.73	4.10	2.42	1.27	1.29	1.51	1.24	1.05	1.67	2.46	2.79	1.31	1.09	40.1					
95 290	Total persons	3 003	18 534	21 091	26 730	183	746	783	1 225	1 101	219	989	1 565	3 763	4 943	...					
PLUMBING FACILITIES BY PERSONS PER ROOM																					
35 192	Complete plumbing for exclusive use	1 119	5 097	4 933	9 321	105	448	368	742	903	100	405	548	2 259	4 087	53.1					
675	1.01 or more persons per room	14	167	251	198	6	2	6	30	84	6	7	6	43	96	39.2					
539	Lacking complete plumbing for exclusive use	2	16	60	104	—	9	25	—	—	—	6	—	—	—	62.5					
63	1.01 or more persons per room	—	5	24	34	—	—	—	—	—	—	—	—	—	—	48.1					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified owner-occupied housing units																					
25 986	With a mortgage	805	3 908	3 465	6 558	65	340	287	491	669	58	322	431	1 801	3 416	53.6					
13 855	Less than 15 percent	738	3 581	2 896	3 376	46	274	166	254	50	36	280	330	771	361	40.2					
5 087	15 to 19 percent	120	1 089	1 289	1 937	13	72	28	100	—	2	30	75	159	53	43.6					
3 021	20 to 24 percent	221	950	644	692	7	57	19	69	2	—	11	11	130	25	38.2					
2 064	25 to 29 percent	191	660	426	382	7	25	48	4	—	16	51	64	87	44	36.8					
1 230	30 to 34 percent	57	370	243	180	12	27	18	12	2	2	62	39	112	51	37.8					
635	35 percent or more	41	184	74	99	4	24	25	11	2	16	98	72	6	60	50	40.1				
1 720	Not computed	108	321	215	273	9	63	23	58	44	—	—	—	—	—	128	44.2				
98	Median	20.7	18.7	16.2	14.3	18.8	21.0	23.5	17.0	50+	25.0	28.3	21.8	24.9	30.2	42.5					
12 131	Not mortgaged	67	327	569	2 982	19	66	121	237	619	22	42	101	65	1 030	3 055	66.3				
5 574	Less than 10 percent	45	214	488	2 159	2	46	75	138	157	3	10	13	65	346	512	61.0				
2 506	10 to 14 percent	7	63	40	522	9	12	23	39	132	3	2	6	249	565	68.2					
1 376	15 to 19 percent	7	31	26	122	8	3	12	2	114	—	—	7	126	565	71.6					
20 to 24 percent	1 005	2	2	10	63	—	—	2	35	93	—	6	2	121	497	72.7					
618	25 to 29 percent	2	—	51	51	—	—	2	8	28	11	2	2	87	331	73.3					
295	30 to 34 percent	—	2	5	8	—	—	—	6	22	—	—	—	33	189	71.8					
680	35 percent or more	4	4	—	52	—	3	7	9	60	—	2	6	64	376	73.7					
77	Not computed	—	11	—	5	—	—	—	—	13	6	7	6	20	60.6	...					
10.9	Median	10—	10—	10—	10—	14.2	10—	10—	10—	15.6	26.4	12.2	10—	13.4	18.9	...					
12 705	Renter-occupied housing units	1 451	1 849	803	1 043	703	683	254	386	311	820	967	440	930	1 665	34.6					
4 622	1 person	—	—	—	—	432	495	178	311	286	393	295	71	612	1 549	56.1					
3 509	2 persons	700	401	96	553	181	135	38	43	22	286	290	150	150	95	30.7					
2 013	3 persons	473	506	172	182	73	25	—	15	3	115	218	113	76	14	28.9					
1 398	4 persons	173	538	243	146	17	26	23	7	—	26	94	67	35	2	32.0					
703	5 persons	88	271	149	82	—	2	4	10	—	—	40	16	36	5	33.6					
460	6 or more persons	17	133	143	80	—	—	—	—	—	—	30	23	21	—	37.2					
1.99	Median	2.55	3.53	4.05	2.44	1.31	1.19	1.21	1.12	1.04	1.56	2.15	2.49	1.26	1.04	...					
29 795	Total persons	3 867	6 636	3 415	3 331	1 044	950	454	524	374	1 398	2 220	1 196	1 630	1 862	...					
PLUMBING FACILITIES BY PERSONS PER ROOM																					
12 333	Complete plumbing for exclusive use	1 431	1 818	780	1 007	684	675	247	346	273	783	932	434	903	1 629	34.4					
434	1.01 or more persons per room	75	129	115	63	12	—	7	—	38	—	14	3	21	36	34.0					
372	Lacking complete plumbing for exclusive use	20	31	23	36	19	8	—	10	—	37	35	6	27	—	45.0					
86	1.01 or more persons per room	5	15	9	12	7	—	—	—	—	15	7	6	—	—	28.6					
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified renter-occupied housing units																					
11 472	Less than 15 percent	1 357	1 570	668	813	675	620	233	348	293	798	933	402	874	1 591	34.1					
2 318	15 to 19 percent	278	517	203	218	136	197	67	104	35	86	128	50	135	119	32.3					
1 709	20 to 24 percent	342	371	135	145	119	66	20	72	28	150	117	80	115	118	31.4					
1 846	25 to 29 percent	264	277	88	154	126	103	28	39	28	76	131	46	94	267	32.5					
1 264	30 to 34 percent	132	166	50	51	49	80	—	33	25	62	95	69	67	125	36.9					
784	35 to 49 percent	70	77	43	31	36	22	13	22	25	101	109	42	136	221	39.4					
1 178	50 percent or more	109	90	28	47	95	56	34	37	18	233	199	43	189	354	35.4					
1 464	Not computed	109	55	57	55	68	62	23	13	34	45	53	12	51	203	47.9					
909	Median	53	67	64	112	46	21.5	21.0	18.9	27.0	31.6	28.6	25.5	29.0	29.5	...					
23.4		20.6	18.7	18.7	19.6	22.4	21.5	21.0	18.9	27.0	31.6	28.6	25.5	29.0	29.5	...					

Table A-11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Owner-occupied housing units

PLUMBING FACILITIES

Complete plumbing for exclusive use

Locking complete plumbing for exclusive use

UNITS IN STRUCTURE

1, detached or attached

2 or more

Mobile home or trailer, etc.

HOUSEHOLD INCOME IN 1979

Less than \$5,000

\$5,000 to \$9,999

\$10,000 to \$12,499

\$12,500 to \$14,999

\$15,000 to \$19,999

\$20,000 to \$24,999

\$25,000 to \$34,999

\$35,000 to \$49,999

\$50,000 or more

Median

Mean

MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS

Specified owner-occupied housing units

With a mortgage

Less than \$200

\$200 to \$249

\$250 to \$299

\$300 to \$349

\$350 to \$399

\$400 to \$499

\$500 to \$599

\$600 to \$749

\$750 or more

Median

Not mortgaged

Less than \$50

\$50 to \$74

\$75 to \$99

\$100 to \$124

\$125 to \$149

\$150 to \$199

\$200 to \$249

\$250 or more

Median

SELECTED CHARACTERISTICS

Median selected monthly owner costs as percentage of household income in 1979

With a mortgage

Not mortgaged

Income in 1979 below poverty level

Percent below poverty level

Renter-occupied housing units

PLUMBING FACILITIES

Complete plumbing for exclusive use

Locking complete plumbing for exclusive use

UNITS IN STRUCTURE

1, detached or attached

2

3 and 4

5 to 9

10 to 49

50 or more

Mobile home or trailer, etc.

HOUSEHOLD INCOME IN 1979

Less than \$5,000

\$5,000 to \$9,999

\$10,000 to \$12,499

\$12,500 to \$14,999

\$15,000 to \$19,999

\$20,000 to \$24,999

\$25,000 to \$34,999

\$35,000 to \$49,999

\$50,000 or more

Median

Mean

GROSS RENT

Specified renter-occupied housing units

Less than \$100

\$100 to \$149

\$150 to \$199

\$200 to \$249

\$250 to \$299

\$300 to \$349

\$350 to \$399

\$400 to \$499

\$500 or more

No cash rent

Median

SELECTED CHARACTERISTICS

Median gross rent as percentage of household income in 1979

Income in 1979 below poverty level

Percent below poverty level

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	7 188	1 968	68	290	196	523	891	5 220	49	88	96	1 425	3 562
PLUMBING FACILITIES													
Complete plumbing for exclusive use	6 982	1 853	68	287	173	507	818	5 129	49	88	96	1 416	3 480
Locking complete plumbing for exclusive use	206	115	—	3	23	16	73	91	—	—	—	9	82
UNITS IN STRUCTURE													
1, detached or attached	6 572	1 786	68	263	182	462	811	4 786	19	76	86	1 297	3 308
2 or more	186	42	—	10	10	5	17	144	8	5	—	33	98
Mobile home or trailer, etc.	430	140	—	17	4	56	63	290	22	7	10	95	156
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 609	696	—	26	59	125	486	2 913	19	11	23	574	2 286
\$5,000 to \$9,999	1 968	470	32	45	20	124	249	1 498	12	25	31	527	903
\$10,000 to \$12,499	508	239	13	75	34	52	65	269	16	12	6	97	138
\$12,500 to \$14,999	280	140	6	30	14	50	40	140	2	20	20	45	53
\$15,000 to \$19,999	388	211	17	78	40	65	11	177	—	20	4	95	58
\$20,000 to \$24,999	148	82	—	18	11	39	14	66	—	—	6	35	25
\$25,000 to \$34,999	159	75	—	2	18	53	2	84	—	—	—	34	50
\$35,000 to \$49,999	77	34	—	16	—	4	14	43	—	—	—	6	37
\$50,000 or more	51	21	—	—	—	11	10	30	—	—	6	12	12
Median	\$4 986	\$7 286	\$10 385	\$12 467	\$11 397	\$10 601	\$4 723	\$4 658	\$6 146	\$11 667	\$8 750	\$6 166	\$4 288
Mean	\$7 885	\$10 651	\$10 808	\$13 704	\$11 349	\$14 064	\$7 489	\$6 842	\$6 572	\$10 769	\$13 189	\$8 295	\$5 996
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	5 540	1 335	47	218	145	318	607	4 205	19	76	65	1 131	2 914
With a mortgage	1 283	494	30	172	88	158	46	789	8	73	39	377	292
Less than \$200	716	198	10	44	26	97	21	518	6	16	22	249	225
\$200 to \$249	186	77	12	34	10	11	10	109	—	18	7	50	34
\$250 to \$299	147	60	2	25	30	3	—	87	2	17	2	53	13
\$300 to \$349	99	75	4	28	16	12	15	24	—	13	—	4	7
\$350 to \$399	52	41	—	39	—	2	—	11	—	—	8	3	—
\$400 to \$499	61	34	2	—	4	28	—	27	—	9	—	18	—
\$500 to \$599	20	7	—	—	2	5	—	13	—	—	—	—	13
\$600 to \$749	2	2	—	2	—	—	—	—	—	—	—	—	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$189	\$232	\$221	\$266	\$263	\$177	\$210	\$175	\$183	\$257	\$149	\$175	\$161
Not mortgaged	4 257	841	17	46	57	160	561	3 416	11	3	26	754	2 622
Less than \$50	719	249	—	3	33	28	185	470	3	3	4	94	366
\$50 to \$74	1 737	290	2	29	6	58	195	1 447	2	—	—	314	1 131
\$75 to \$99	1 042	184	13	11	4	41	115	858	—	—	5	158	695
\$100 to \$124	492	71	—	—	9	28	34	421	6	—	5	127	283
\$125 to \$149	133	29	2	3	5	—	19	104	—	—	6	21	77
\$150 to \$199	106	18	—	—	—	5	13	88	—	—	—	40	48
\$200 to \$249	9	—	—	—	—	—	—	9	—	—	—	—	9
\$250 or more	19	—	—	—	—	—	—	19	—	—	6	—	13
Median	\$70	\$65	\$88	\$67	\$50—	\$72	\$62	\$71	\$102	\$50—	\$120	\$73	\$71
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	20.3	17.7	17.2	22.5	19.4	14.8	17.8	21.0	23.8	28.2	16.8	19.9	21.1
With a mortgage	29.6	29.0	20.0	27.7	29.3	19.3	50+	29.8	23.3	28.5	21.4	29.7	31.8
Not mortgaged	18.1	14.2	14.7	10—	10—	10—	16.8	19.0	25.4	10—	10.0	14.7	20.1
Income in 1979 below poverty level	2 174	403	—	26	44	70	263	1 771	8	5	21	383	1 354
Percent below poverty level	30.2	20.5	—	9.0	22.4	13.4	29.5	33.9	16.3	5.7	21.9	26.9	38.0
Renter-occupied housing units	4 622	1 702	432	495	178	311	286	2 920	393	295	71	612	1 549
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 473	1 616	427	487	173	281	248	2 857	393	282	71	598	1 513
Locking complete plumbing for exclusive use	149	86	5	8	5	30	38	63	—	13	—	14	36
UNITS IN STRUCTURE													
1, detached or attached	1 856	738	161	219	79	147	132	1 118	127	144	16	286	545
2	386	126	44	39	11	25	7	260	39	25	16	48	132
3 and 4	713	257	110	65	17	48	17	456	79	29	13	92	243
5 to 9	373	141	26	44	15	17	39	232	41	13	14	68	96
10 to 49	756	264	53	91	29	57	34	492	68	54	6	69	295
50 or more	363	73	7	7	—	12	47	290	27	18	6	23	216
Mobile home or trailer, etc.	175	103	31	30	27	5	10	72	12	12	—	26	22
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 307	588	99	94	56	118	221	1 719	173	33	12	306	1 195
\$5,000 to \$9,999	1 364	516	189	167	32	77	51	848	168	126	42	229	283
\$10,000 to \$12,499	425	249	92	85	30	40	2	176	31	65	6	35	39
\$12,500 to \$14,999	210	96	9	41	29	10	7	114	15	49	9	21	20
\$15,000 to \$19,999	221	161	31	80	10	37	3	60	6	22	2	21	9
\$20,000 to \$24,999	52	49	5	21	8	13	2	3	—	—	—	—	3
\$25,000 to \$34,999	31	31	7	7	13	4	—	—	—	—	—	—	—

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	549	148	165	236	Vacant for rent housing units	1 313	719	290	304
ROOMS					ROOMS				
1 to 3 rooms	50	12	11	27	1 room	76	46	11	19
4 rooms	146	34	42	70	2 rooms	98	67	14	17
5 rooms	136	47	31	58	3 rooms	360	211	90	59
6 rooms	104	27	42	35	4 rooms	494	252	115	127
7 rooms	80	21	31	28	5 rooms	172	75	43	54
8 or more rooms	33	7	8	18	6 rooms	75	44	10	21
Median	5.1	5.1	5.5	4.9	7 or more rooms	38	24	7	7
					Median	3.7	3.6	3.8	3.9
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	535	146	163	226	Complete plumbing for exclusive use	1 164	644	263	257
Lacking complete plumbing for exclusive use	14	2	2	10	Lacking complete plumbing for exclusive use	149	75	27	47
BEDROOMS					BEDROOMS				
None	10	10	—	—	None	93	63	11	19
1	69	13	16	40	1	524	298	109	117
2	200	46	60	94	2	560	281	141	138
3	212	60	79	73	3	102	58	27	17
4	48	19	10	19	4	25	19	2	4
5 or more	10	—	—	10	5 or more	9	—	—	9
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	78	35	27	16	1975 to March 1980	188	141	34	13
1970 to 1974	41	3	8	30	1970 to 1974	92	62	15	15
1960 to 1969	86	6	55	25	1960 to 1969	121	75	27	19
1950 to 1959	69	28	9	32	1950 to 1959	119	50	37	32
1940 to 1949	53	17	19	17	1940 to 1949	245	127	57	61
1939 or earlier	222	59	47	116	1939 or earlier	548	264	120	164
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	495	142	152	201	1, detached or attached	564	243	131	190
2 or more	9	—	2	7	2	102	61	22	19
Mobile home or trailer	45	6	11	28	3 and 4	116	74	35	7
HEATING EQUIPMENT					5 to 9	108	46	50	12
Central heating system	376	95	135	146	10 to 49	212	139	35	38
Other means	153	53	28	72	50 or more	100	97	—	3
None	20	—	2	18	Mobile home or trailer	111	59	17	35
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	411	124	145	142	Specified vacant for rent housing units	1 287	706	285	296
Less than \$10,000	54	10	20	24	Less than \$100	431	206	130	95
\$10,000 to \$19,999	77	20	18	39	\$100 to \$149	427	200	89	138
\$20,000 to \$29,999	112	48	50	14	\$150 to \$199	270	167	62	41
\$30,000 to \$39,999	64	26	21	17	\$200 to \$249	84	74	—	10
\$40,000 to \$49,999	48	13	19	16	\$250 to \$299	68	52	4	12
\$50,000 to \$59,999	11	—	6	5	\$300 to \$399	2	2	—	—
\$60,000 to \$79,999	38	2	11	25	\$400 or more	5	5	—	—
\$80,000 to \$99,999	7	5	—	2	Median	\$123	\$129	\$108	\$118
\$100,000 or more	—	—	—	—					
Median	\$26 300	\$27 100	\$26 000	\$26 000					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA								The SMSA							
Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
Total	411	54	189	112	56	—	26 300	1 287	431	697	152	2	5	123	
PLUMBING FACILITIES															
Complete plumbing for exclusive use	408	51	189	112	56	—	26 400	1 142	342	648	145	2	5	126	
Lacking complete plumbing for exclusive use	3	3	—	—	—	—	10000—	145	89	49	7	—	—	80	
BEDROOMS															
None	—	—	—	—	—	—	—	93	69	20	4	—	—	80	
1	35	23	10	2	—	—	10000—	524	210	296	18	—	—	108	
2	134	22	101	11	—	—	22 100	539	145	313	74	2	5	133	
3	184	3	61	91	29	—	35 000	97	7	53	37	—	—	170	
4	48	6	17	8	17	—	40 600	25	—	15	10	—	—	178	
5 or more	10	—	—	—	10	—	63 600	9	—	—	9	—	—	263	
YEAR STRUCTURE BUILT															
1975 to March 1980	53	—	—	35	18	—	40 400	188	87	30	66	—	5	106	
1970 to 1974	20	—	4	6	10	—	52 500	92	19	62	11	—	—	145	
1960 to 1969	64	—	28	19	17	—	32 000	121	13	65	43	—	—	159	
1950 to 1959	50	5	31	10	4	—	27 700	111	20	65	24	2	—	151	
1940 to 1949	46	6	38	2	—	—	20 300	231	100	131	—	—	—	111	
1939 or earlier	178	43	88	40	7	—	20 000	544	192	344	8	—	—	117	
UNITS IN STRUCTURE															
1, detached or attached	411	54	189	112	56	—	26 300	538	162	318	56	2	—	127	
2 or more	—	—	—	—	—	—	—	638	248	294	96	—	—	120	
Mobile home or trailer	—	—	—	—	—	—	—	111	21	85	—	—	5	129	

Table B — 1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Joplin city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	9 382	925	2 370	2 212	1 576	923	628	467	147	113	21	25 500	30 900
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	6 278	407	1 233	1 487	1 204	714	597	391	125	105	15	30 100	34 890
15 to 24 years -----	251	20	66	75	53	20	13	—	—	4	—	24 200	26 900
25 to 34 years -----	1 208	50	214	292	252	149	137	92	2	20	—	31 600	35 300
35 to 44 years -----	1 024	67	151	200	222	110	86	81	58	45	4	33 200	41 100
45 to 64 years -----	2 518	181	467	564	467	326	251	155	60	36	11	31 000	35 700
65 years and over -----	1 277	89	335	356	210	109	110	63	5	—	—	25 000	29 100
Male householder, no wife present -----	660	145	236	141	44	61	—	24	9	—	—	16 300	22 200
15 to 24 years -----	25	—	18	7	—	—	—	—	—	—	—	16 400	16 800
25 to 34 years -----	81	9	15	29	10	9	—	6	3	—	—	24 100	29 600
35 to 44 years -----	104	14	31	8	24	20	—	7	—	—	—	27 200	29 300
45 to 64 years -----	192	46	63	36	10	20	—	11	6	—	—	15 000	24 300
65 years and over -----	258	76	109	61	—	12	—	—	—	—	—	13 500	16 000
Female householder, no husband present -----	2 444	373	901	584	328	148	31	52	13	8	6	19 300	23 200
15 to 24 years -----	18	—	6	12	—	—	—	—	—	—	—	23 800	22 900
25 to 34 years -----	138	—	38	62	23	5	—	10	—	—	—	25 100	27 200
35 to 44 years -----	179	22	32	23	55	24	2	3	6	6	6	33 000	38 500
45 to 64 years -----	707	113	234	171	66	79	23	21	—	—	—	20 400	24 300
65 years and over -----	1 402	238	591	316	184	40	6	18	7	2	—	17 200	20 300
Median age -----	56.2	62.8	62.1	56.9	51.4	52.5	51.5	48.5	46.7	40.4	45.4	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	1 013	101	183	258	172	77	72	93	22	35	—	28 400	35 600
1975 to 1978 -----	2 274	107	471	478	391	338	217	160	63	39	10	31 600	36 500
1970 to 1974 -----	1 519	143	366	301	281	173	126	73	35	18	3	27 800	32 500
1960 to 1969 -----	1 905	201	414	489	325	186	136	113	18	15	8	26 100	31 600
1959 or earlier -----	2 671	373	936	686	407	149	77	28	9	6	—	20 300	23 000
ROOMS													
1 to 3 rooms -----	264	119	103	25	8	9	—	—	—	—	—	10 800	13 700
4 rooms -----	1 746	371	820	432	84	10	14	15	—	—	—	15 600	17 400
5 rooms -----	3 166	269	948	985	593	237	99	32	—	3	—	22 800	25 000
6 rooms -----	2 217	106	350	478	504	379	239	136	21	4	—	33 300	34 800
7 rooms -----	1 061	21	90	224	235	176	136	132	37	10	—	37 800	41 500
8 or more rooms -----	928	39	59	68	152	112	140	152	89	96	21	52 200	60 300
Median -----	5.3	4.4	4.8	5.2	5.7	6.0	6.3	6.9	8.5+	8.5+	8.5+	...	...
BEDROOMS													
None -----	10	6	2	—	2	—	—	—	—	—	—	10000—	14 500
1 -----	544	214	227	79	15	9	—	—	—	—	—	11 600	13 900
2 -----	3 993	548	1 602	1 119	445	154	64	50	6	5	—	19 000	21 300
3 -----	3 927	111	476	898	913	695	455	298	55	26	—	35 000	37 400
4 -----	800	37	54	106	170	65	109	106	78	61	14	43 600	54 200
5 or more -----	108	9	9	10	31	—	—	13	8	21	7	38 800	66 900
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	500	8	16	12	61	116	122	103	37	21	4	52 700	57 400
1970 to 1974 -----	450	12	40	45	82	96	77	54	31	13	—	43 400	47 600
1960 to 1969 -----	1 385	21	88	223	362	269	214	154	38	6	10	40 000	43 500
1950 to 1959 -----	1 719	55	288	580	395	201	101	72	16	11	—	27 500	32 100
1940 to 1949 -----	1 467	174	513	423	196	73	40	37	6	5	—	21 100	24 200
1939 or earlier -----	3 861	655	1 425	929	480	168	74	47	19	57	7	18 600	23 100
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	1 523	402	695	268	121	19	9	9	—	—	—	14 700	17 000
\$5,000 to \$9,999 -----	1 671	237	625	490	223	67	22	5	2	—	—	19 400	21 100
\$10,000 to \$12,499 -----	870	76	248	339	107	63	16	17	2	2	—	21 900	24 200
\$12,500 to \$14,999 -----	765	72	154	230	184	80	35	10	—	—	—	26 200	27 500
\$15,000 to \$19,999 -----	1 488	67	364	369	319	197	93	61	12	6	—	28 500	31 000
\$20,000 to \$24,999 -----	1 071	43	153	262	250	146	112	74	25	6	—	32 600	35 700
\$25,000 to \$34,999 -----	1 240	19	119	208	271	232	206	129	32	18	6	40 100	42 900
\$35,000 to \$49,999 -----	478	9	12	39	83	79	92	114	37	13	—	52 000	53 000
\$50,000 or more -----	276	—	—	7	18	40	43	48	37	68	15	71 400	86 700
Median -----	\$14 549	\$6 050	\$8 904	\$12 598	\$17 263	\$20 997	\$26 038	\$28 973	\$35 278	\$55 723	\$55 781	...	...
Mean -----	\$17 446	\$8 486	\$10 692	\$14 269	\$18 587	\$22 940	\$29 175	\$31 081	\$44 266	\$67 017	\$73 414	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	4 945	258	909	1 184	987	614	475	336	106	65	11	31 100	35 400
Less than 15 percent -----	1 941	58	333	443	412	269	196	145	55	19	11	32 700	37 700
15 to 19 percent -----	997	48	182	206	206	129	132	45	20	17	—	32 000	35 500
20 to 24 percent -----	750	26	113	206	141	88	67	74	16	19	—	32 000	37 300
25 to 29 percent -----	398	29	72	88	74	70	29	20	6	10	—	31 000	34 600
30 to 34 percent -----	228	7	32	59	37	25	34	31	3	—	—	36 100	38 000
35 percent or more -----	603	90	160	165	117	33	17	15	6	—	—	23 500	25 000
Not computed -----	28	—	17	5	—	—	—	6	—	—	—	16 000	28 900
Median -----	17.6	24.4	18.1	18.4	17.0	16.5	16.6	17.2	14.8	19.0	11.1	...	...
Not mortgaged -----	4 437	667	1 461	1 028	589	309	153	131	41	48	10	20 600	25 900
Less than 10 percent -----	2 055	236	565	464	322	182	111	97	26	42	10	24 000	30 800
10 to 14 percent -----	866	98	266	268	93	75	23	28	15	—	—	21 600	25 800
15 to 19 percent -----	565	142	204	95	78	28	6	6	—	6	—	16 200	20 600
20 to 24 percent -----	384	94	159	62	52	11	6	—	—	—	—	15 900	18 700
25 to 29 percent -----	226	54	115	39	12	6	—	—	—	—	—	14 400	16 000
30 to 34 percent -----	84	4	46	28	6	—	—	—	—	—	—	18 600	19 500
35 percent or more -----	238	39	94	65	26	7	7	—	—	—	—	18 200	21 000
Not computed -----	19	—	12	7	—	—	—	—	—	—	—	16 500	16 900
Median -----	10.9	15.0	13.0	10.9	10—	10—	10—	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	9 344	900	2 357	2 212	1 576	923	628	467	147	113	21	25 600	31 000
1.01 or more persons per room -----	98	21	42	14	7	14	—	—	—	—	—	14 400	19 900
Lacking complete plumbing for exclusive use -----	38	25	13	—	—	—	—	—	—	—	—	10000—	9 200
1.01 or more persons per room -----	10	10	—	—	—	—	—	—	—	—	—	10000—	7 500
Heating equipment -----	9 382	925	2 370	2 212	1 576	923	628	467	147	113	21	25 500	30 900
Central heating system -----	7 950	416	1 777	2 011	1 502	892	616	455	147	113	21	28 400	33 700
Air conditioning -----	7 250	437	1 575	1 726	1 300	863	610	458	147	113	21	29 000	34 400
Central system -----	2 900	48	208	437	537	486	393	136	90	18	18	43 700	47 800
Income in 1979 below poverty level -----	1 064	316	441	178	90	19	9	11	—	—	—	14 300	17 400
Percent below poverty level -----	11.3	34.2	18.6	8.0	5.7	2.1	1.4	2.4	—	—	—	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Joplin city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	5 635	773	1 264	1 318	1 031	529	317	97	53	25	228	174
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	1 949	34	343	484	418	259	201	75	39	25	71	211
15 to 24 years.....	501	13	130	167	108	40	24	5	5	—	9	173
25 to 34 years.....	642	5	48	172	169	114	84	28	8	6	8	227
35 to 44 years.....	328	—	55	77	64	37	52	20	1	8	14	222
45 to 64 years.....	357	—	70	58	67	49	39	16	25	11	22	230
65 years and over.....	121	16	40	10	10	19	2	6	—	—	18	141
Male householder, no wife present	1 271	243	281	323	223	93	41	11	—	—	56	159
15 to 24 years.....	157	35	81	154	108	22	19	—	—	—	18	191
25 to 34 years.....	409	49	113	120	66	45	—	6	—	—	10	158
35 to 44 years.....	126	11	24	23	24	5	15	—	—	—	24	182
45 to 64 years.....	191	59	56	20	25	21	5	5	—	—	—	133
65 years and over.....	108	89	7	6	—	—	2	—	—	—	4	81
Female householder, no husband present	2 415	496	640	511	390	177	75	11	14	—	101	152
15 to 24 years.....	476	16	203	126	91	17	14	2	—	—	7	156
25 to 34 years.....	516	28	87	155	132	52	35	4	11	—	12	195
35 to 44 years.....	217	29	34	69	31	41	8	5	—	—	—	178
45 to 64 years.....	492	97	151	88	111	27	10	—	3	—	5	144
65 years and over.....	714	326	165	73	25	40	8	—	—	—	77	98
Median age	33.7	66.9	32.8	28.5	29.8	33.8	33.9	35.8	45.6	39.1	48.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	3 128	283	654	780	613	343	240	78	41	25	71	190
1975 to 1978.....	1 698	254	358	406	380	130	77	19	6	—	68	171
1970 to 1974.....	337	112	100	70	23	28	—	—	—	—	4	124
1960 to 1969.....	290	63	121	34	15	28	—	—	6	—	23	123
1959 or earlier.....	182	61	31	28	—	—	—	—	—	—	62	100
ROOMS												
1 room.....	120	41	46	8	16	2	—	—	—	—	7	106
2 rooms.....	389	180	107	62	40	—	—	—	—	—	—	108
3 rooms.....	1 440	366	520	331	177	26	2	—	—	—	18	131
4 rooms.....	1 676	133	324	487	350	181	117	18	1	—	65	183
5 rooms.....	1 164	32	177	320	259	193	103	32	11	4	33	205
6 rooms.....	592	21	59	87	146	87	73	25	9	5	80	232
7 or more rooms.....	254	—	31	23	43	40	22	22	32	16	25	279
Median	4.0	3.0	3.4	4.0	4.3	4.8	4.9	5.5	7.0	7.1	5.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	5 635	773	1 264	1 318	1 031	529	317	97	53	25	228	174
Complete plumbing for exclusive use	5 519	694	1 248	1 311	1 031	522	317	97	53	25	221	175
0.50 or less.....	3 613	620	800	805	585	352	167	48	28	21	187	167
0.51 to 1.00.....	1 746	74	380	460	420	159	145	45	25	4	34	194
1.01 to 1.50.....	107	—	40	26	26	11	—	4	—	—	—	179
1.51 or more.....	53	—	28	20	—	—	5	—	—	—	—	128
Lacking complete plumbing for exclusive use	116	79	16	7	—	7	—	—	—	—	7	75
0.50 or less.....	54	35	5	7	—	7	—	—	—	—	—	86
0.51 to 1.00.....	55	44	11	—	—	—	—	—	—	—	—	67
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	7	—	—	—	—	—	—	—	—	—	7	—
Income in 1979 below poverty level	1 409	403	371	272	176	57	25	9	17	8	71	128
Complete plumbing for exclusive use	1 343	363	359	265	176	57	25	9	17	8	64	129
1.01 or more persons per room.....	66	—	23	20	23	—	—	—	—	—	—	166
Lacking complete plumbing for exclusive use	66	40	12	7	—	—	—	—	—	—	7	76
1.01 or more persons per room.....	7	—	—	—	—	—	—	—	—	—	7	—
BEDROOMS												
None.....	231	65	99	30	28	2	—	—	—	—	7	115
1.....	2 132	572	688	559	249	29	5	—	—	—	30	134
2.....	2 250	122	379	593	497	339	184	30	7	—	99	198
3.....	868	14	72	124	213	123	118	58	39	15	92	240
4.....	152	—	26	12	44	36	10	9	5	10	—	244
5 or more.....	2	—	—	—	—	—	—	—	2	—	—	450
UNITS IN STRUCTURE												
1, detached or attached.....	2 936	231	596	685	633	275	186	65	47	25	193	187
2.....	531	82	133	138	65	38	38	13	6	—	18	162
3 and 4.....	674	140	232	210	56	15	15	6	—	—	—	141
5 to 9.....	318	63	114	43	2	60	32	—	—	—	4	144
10 to 49.....	744	88	144	181	190	93	32	9	—	—	7	193
50 or more.....	393	165	33	55	70	48	14	4	—	—	4	126
Mobile home or trailer, etc.....	39	4	12	6	15	—	—	—	—	—	2	154
YEAR STRUCTURE BUILT												
1975 to March 1980.....	634	158	94	65	113	77	92	14	8	7	6	190
1970 to 1974.....	557	106	28	81	125	121	50	20	11	8	7	225
1960 to 1969.....	684	30	50	176	168	94	76	27	26	6	31	223
1950 to 1959.....	883	46	172	282	203	88	47	16	2	4	23	191
1940 to 1949.....	1 033	91	234	293	224	78	41	17	6	—	49	177
1939 or earlier.....	1 844	342	686	421	198	71	11	3	—	—	112	138
STORIES IN STRUCTURE												
1 to 3.....	5 346	608	1 183	1 291	1 022	529	317	97	53	25	221	178
4 or more.....	289	165	81	27	9	—	—	—	—	—	7	91
With elevator.....	269	159	74	27	9	—	—	—	—	—	—	91
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 098	200	335	269	115	81	69	10	13	6	...	152
15 to 19 percent.....	879	98	148	274	183	94	52	29	1	—	...	178
20 to 24 percent.....	922	149	249	173	177	98	62	8	6	—	...	172
25 to 29 percent.....	654	90	114	152	175	59	37	17	10	—	...	192
30 to 34 percent.....	402	59	97	86	76	28	45	8	3	—	...	166
35 to 49 percent.....	622	113	147	121	130	82	21	3	—	5	...	173
50 percent or more.....	770	44	169	214	169	87	31	22	20	14	...	193
Not computed.....	288	20	5	29	6	—	—	—	—	—	228	158
Median	23.8	22.6	22.9	22.9	26.1	24.6	23.0	25.4	28.2	50+	...	...
SELECTED CHARACTERISTICS												
Heating equipment	5 629	767	1 264	1 318	1 031	529	317	97	53	25	228	174
Central heating system.....	4 362	537	808	1 023	867	478	312	92	47	25	173	187
Air conditioning	3 152	418	439	719	606	397	281	78	47	21	146	194
Central system.....	1 584	239	141	222	373	262	210	48	40	21	28	225

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Joplin city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	10 263	1 694	1 824	951	816	1 609	1 173	1 343	544	309	14 530	17 518	1 175
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	6 809	340	901	631	586	1 315	1 059	1 220	479	278	18 417	21 407	369
15 to 24 years	290	22	38	33	38	81	47	18	6	7	15 854	16 518	22
25 to 34 years	1 307	58	62	121	129	355	256	245	57	24	18 996	20 571	76
35 to 44 years	1 091	22	49	82	68	235	268	223	98	46	21 293	23 687	65
45 to 64 years	2 703	110	243	208	214	478	355	649	278	168	21 114	25 089	115
65 years and over	1 418	128	509	187	137	166	133	85	40	33	10 963	14 402	91
Male householder, no wife present	771	224	157	87	63	79	59	55	29	18	10 129	13 752	138
15 to 24 years	31	—	8	2	8	13	—	—	—	—	14 219	13 144	—
25 to 34 years	104	11	17	31	3	27	4	4	—	7	11 935	15 719	11
35 to 44 years	116	20	25	16	8	12	4	24	7	—	12 031	15 604	20
45 to 64 years	216	39	40	21	13	16	41	27	8	11	14 038	19 580	27
65 years and over	304	154	67	17	31	11	10	—	14	—	4 959	8 294	80
Female householder, no husband present	2 683	1 130	766	233	167	215	55	68	36	13	6 268	8 732	668
15 to 24 years	29	8	13	8	—	—	—	—	—	—	8 523	7 526	—
25 to 34 years	149	32	44	24	30	14	—	5	—	—	9 861	9 888	26
35 to 44 years	184	22	30	30	20	37	6	27	6	6	13 750	17 357	23
45 to 64 years	758	174	286	66	71	118	27	16	—	—	8 765	9 945	144
65 years and over	1 563	894	393	105	46	46	22	20	30	7	4 618	7 040	475
Median age	56.3	70.7	66.2	56.5	55.8	46.7	45.1	49.3	49.5	51.1	...	...	66.6
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 118	86	222	99	81	235	176	114	43	62	16 325	19 424	118
1975 to 1978	2 482	203	268	247	253	474	397	386	177	77	17 723	20 818	196
1970 to 1974	1 655	276	211	198	114	283	197	234	86	56	15 475	17 584	231
1960 to 1969	2 116	381	324	193	164	297	215	318	143	81	14 939	18 721	245
1959 or earlier	2 892	748	799	214	204	320	188	291	95	33	9 287	13 031	385
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	10 225	1 664	1 819	948	816	1 609	1 173	1 343	544	309	14 588	17 565	1 152
1.01 or more persons per room	102	10	7	14	2	24	23	9	13	—	17 250	19 910	17
Lacking complete plumbing for exclusive use	38	30	5	3	—	—	—	—	—	—	4 083	4 845	23
1.01 or more persons per room	10	5	5	—	—	—	—	—	—	—	6 250	5 598	10
Heating equipment	10 263	1 694	1 824	951	816	1 609	1 173	1 343	544	309	14 530	17 518	1 175
Central heating system	8 730	1 129	1 440	842	671	1 427	1 110	1 280	529	302	15 883	18 863	765
Air conditioning	7 941	953	1 238	657	681	1 366	991	1 222	526	307	16 411	19 558	631
Central system	3 193	137	300	276	184	531	505	634	389	237	21 614	25 927	120
Vehicles available	9 351	1 066	1 604	921	806	1 609	1 159	1 339	544	303	15 759	18 713	764
1	3 665	821	1 069	461	327	433	201	212	114	27	9 727	12 591	459
2 or more	5 686	245	535	460	479	1 176	958	1 127	430	276	19 765	22 660	305
House heating fuel	10 263	1 694	1 824	951	816	1 609	1 173	1 343	544	309	14 530	17 518	1 175
Utility gas	9 718	1 602	1 756	921	776	1 522	1 085	1 242	521	293	14 369	17 490	1 106
Bottled, tank, or LP gas	105	41	20	—	8	14	7	8	7	—	7 639	12 224	31
Electricity	342	24	39	27	32	47	62	86	16	9	20 139	20 179	13
Fuel oil, kerosene, etc.	6	6	—	—	—	—	—	—	—	—	2500—	2 115	6
Other	92	21	9	3	—	26	19	7	—	7	17 500	17 692	19
Median rooms	5.3	4.6	4.9	5.1	5.4	5.4	5.8	6.1	6.4	7.1	...	...	4.7
Specified owner-occupied housing units	9 382	1 523	1 671	870	765	1 488	1 071	1 240	478	276	14 549	17 446	1 064
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	4 945	367	533	448	439	1 040	771	842	337	168	18 069	20 813	397
Less than \$200	1 701	204	321	205	190	374	219	170	18	—	14 086	14 635	204
\$200 to \$249	926	111	103	84	95	223	137	117	47	9	16 151	17 590	95
\$250 to \$299	710	19	56	73	67	180	79	155	26	18	18 403	21 601	17
\$300 to \$349	584	—	27	57	54	149	150	105	35	7	20 202	20 965	37
\$350 to \$399	346	—	26	25	18	36	77	111	53	—	24 063	23 757	11
\$400 to \$499	346	17	—	4	15	40	66	92	65	47	26 207	34 311	17
\$500 to \$599	214	9	—	—	—	30	30	68	38	39	27 162	35 717	9
\$600 to \$749	60	—	—	—	—	2	7	24	10	17	30 000	47 963	—
\$750 or more	58	7	—	—	—	6	6	—	16	23	19 583	61 086	7
Median	\$242	\$191	\$185	\$211	\$216	\$233	\$269	\$293	\$363	\$488	...	...	\$198
Not mortgaged	4 437	1 156	1 138	422	326	448	300	398	141	108	9 649	13 694	667
Less than \$50	387	232	100	8	24	11	12	—	—	—	4 450	6 029	136
\$50 to \$74	1 443	515	464	147	87	104	41	71	14	—	7 099	9 133	304
\$75 to \$99	1 180	253	364	119	138	139	65	94	6	2	9 621	11 645	111
\$100 to \$124	762	119	135	98	34	80	111	111	43	31	14 632	17 613	76
\$125 to \$149	318	18	44	43	13	68	12	68	38	16	18 547	22 801	21
\$150 to \$199	236	19	23	7	22	34	38	42	22	29	21 625	27 888	19
\$200 to \$249	57	—	2	—	6	—	15	12	18	4	31 934	32 629	—
\$250 or more	54	—	6	—	2	14	6	—	—	26	22 083	44 309	—
Median	\$83	\$67	\$75	\$87	\$84	\$95	\$107	\$108	\$130	\$159	...	...	\$66
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	4 945	367	533	448	439	1 040	771	842	337	168	18 069	20 813	397
Less than 15 percent	1 941	—	29	40	95	420	390	532	285	150	24 946	29 772	5
15 to 19 percent	997	6	44	118	116	281	205	182	31	14	18 304	19 999	9
20 to 24 percent	750	20	91	114	111	187	109	99	15	4	15 793	17 177	20
25 to 29 percent	398	—	97	64	78	92	37	24	6	—	13 718	14 517	—
30 to 34 percent	228	—	93	48	24	34	24	5	—	—	11 094	12 502	2
35 percent or more	603	313	179	64	15	26	6	—	—	—	4 860	6 156	333
Not computed	28	—	—	—	—	—	—	—	—	—	2500—	—	28
Median	17.6	50+	30.3	22.9	20.4	16.8	14.9	13.0	11.5	10—	...	...	50+
Not mortgaged	4 437	1 156	1 138	422	326	448	300	398	141	108	9 649	13 694	667
Less than 10 percent	2 055	15	270	219	254	389	261	398	141	108	18 085	22 304	22
10 to 14 percent	866	93	447	190	58	45	33	—	—	—	8 756	9 337	25
15 to 19 percent	565	276	256	13	6	8	6	—	—	—	5 088	5 747	77
20 to 24 percent	384	253	125	—	6	—	—	—	—	—	4 337	4 693	132
25 to 29 percent	226	194	24	—	2	6	—	—	—	—	3 758	3 959	120
30 to 34 percent	84	76	8	—	—	—	—	—	—	—	3 482	3 565	51
35 percent or more	238	230	8	—	—	—	—	—	—	—	2500—	2 500	221
Not computed	19	—	—	—	—	—	—	—	—	—	2500—	—	19
Median	10.9	23.6	13.3	10—	10—	10—	10—	10—	10—	10—	...	...	27.8

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Joplin city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units -----	5 762	1 572	1 690	743	479	704	290	181	92	11	8 727	10 518	1 437
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	1 985	167	485	270	242	435	196	122	57	11	13 228	14 935	248
15 to 24 years -----	508	84	175	85	46	77	29	12	—	—	9 883	10 542	98
25 to 34 years -----	647	11	121	88	112	189	68	45	13	—	14 810	15 677	41
35 to 44 years -----	330	40	51	28	64	82	31	27	7	—	14 297	15 026	67
45 to 64 years -----	379	7	91	54	11	76	59	33	37	11	15 227	20 842	27
65 years and over -----	121	25	47	15	9	11	9	5	—	—	8 403	10 664	15
Male householder, no wife present -----	1 293	366	383	201	89	132	49	46	27	—	8 622	10 172	260
15 to 24 years -----	437	96	160	79	28	45	5	15	9	—	8 698	10 168	67
25 to 34 years -----	420	79	140	70	38	52	19	13	9	—	9 708	10 831	67
35 to 44 years -----	130	30	26	18	14	12	8	18	4	—	11 250	13 396	34
45 to 64 years -----	198	68	44	34	7	23	17	—	5	—	8 289	9 977	39
65 years and over -----	108	93	13	—	2	—	—	—	—	—	3 664	4 097	53
Female householder, no husband present -----	2 484	1 039	822	272	148	137	45	13	8	—	5 933	7 168	929
15 to 24 years -----	476	179	192	61	10	20	8	—	6	—	6 017	7 085	196
25 to 34 years -----	538	142	200	69	44	55	15	13	—	—	7 801	9 041	177
35 to 44 years -----	233	40	106	32	49	6	—	—	—	—	8 201	8 476	66
45 to 64 years -----	507	169	179	81	28	34	16	—	—	—	6 920	7 670	170
65 years and over -----	730	509	145	29	17	22	6	—	2	—	4 135	5 078	320
Median age -----	33.9	53.1	30.5	29.8	31.6	32.1	35.2	34.2	43.6	51.6	...	...	39.0
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	3 172	840	1 000	387	279	355	139	115	46	11	8 607	10 531	804
1975 to 1978 -----	1 739	394	460	268	137	287	103	61	29	—	10 145	11 358	374
1970 to 1974 -----	348	131	83	38	28	21	32	—	15	—	7 028	10 151	87
1960 to 1969 -----	301	113	100	37	18	15	16	—	2	—	6 488	7 957	96
1959 or earlier -----	202	94	47	13	17	26	—	5	—	—	5 648	7 530	76
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use -----	5 646	1 495	1 651	743	479	704	290	181	92	11	8 901	10 655	1 371
0.50 or less -----	3 683	1 185	1 115	483	245	351	164	89	43	8	7 535	9 447	884
0.51 to 1.00 -----	1 803	284	486	236	214	330	118	88	44	3	11 393	13 003	421
1.01 to 1.50 -----	107	21	36	12	20	9	—	4	5	—	9 708	11 755	41
1.51 or more -----	53	5	14	12	—	14	8	—	—	—	11 563	12 468	25
Lacking complete plumbing for exclusive use -----	116	77	39	—	—	—	—	—	—	—	3 417	3 872	66
0.50 or less -----	54	41	13	—	—	—	—	—	—	—	3 600	3 326	28
0.51 to 1.00 -----	55	29	26	—	—	—	—	—	—	—	4 250	4 619	31
1.01 to 1.50 -----	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more -----	7	7	—	—	—	—	—	—	—	—	2500—	2 215	7
SELECTED CHARACTERISTICS													
Heating equipment -----	5 756	1 566	1 690	743	479	704	290	181	92	11	8 737	10 525	1 437
Central heating system -----	4 460	1 137	1 194	619	391	620	247	151	90	11	9 515	11 211	966
Air conditioning -----	3 218	741	841	441	297	511	167	130	79	11	10 153	11 969	603
Central system -----	1 602	442	407	213	98	233	80	72	46	11	9 277	12 134	330
Vehicles available -----	4 780	862	1 478	714	454	698	290	181	92	11	10 175	11 794	891
1 -----	2 972	741	1 116	479	198	278	120	21	19	—	8 130	9 105	723
2 or more -----	1 808	121	362	235	256	420	170	160	73	11	14 316	16 215	168
House heating fuel -----	5 756	1 566	1 690	743	479	704	290	181	92	11	8 737	10 525	1 437
Utility gas -----	4 865	1 334	1 457	633	415	588	232	132	66	8	8 580	10 150	1 253
Bottled, tank, or LP gas -----	35	20	7	—	6	—	2	—	—	—	4 688	6 951	27
Electricity -----	804	199	213	110	50	111	56	38	24	3	9 773	12 784	144
Fuel oil, kerosene, etc. -----	19	—	6	—	8	5	—	—	—	—	13 594	11 803	—
Other -----	33	13	7	—	—	—	—	11	2	—	6 250	13 866	13
Median rooms -----	4.0	3.4	3.9	4.2	4.6	4.3	4.8	5.0	5.5	6.9	...	...	3.7
Specified renter-occupied housing units -----	5 635	1 534	1 673	712	470	683	290	181	81	11	8 684	10 494	1 409
CONTRACT RENT													
Less than \$100 -----	1 510	763	426	113	60	76	59	7	6	—	4 963	6 765	621
\$100 to \$149 -----	1 561	396	574	177	144	172	53	33	12	—	8 082	9 381	381
\$150 to \$199 -----	1 355	204	437	268	139	230	62	12	3	—	10 340	10 777	228
\$200 to \$249 -----	646	69	131	91	79	133	63	52	28	—	13 513	15 169	62
\$250 to \$299 -----	244	21	26	25	28	27	39	54	19	5	19 342	23 486	27
\$300 to \$349 -----	50	5	11	2	—	8	6	12	6	—	19 688	20 011	11
\$350 to \$399 -----	13	—	—	—	—	3	5	—	5	—	21 750	28 328	—
\$400 to \$499 -----	26	8	3	4	—	5	—	—	—	6	11 250	18 361	8
\$500 or more -----	2	—	2	—	—	—	—	—	—	—	8 750	9 010	—
No cash rent -----	228	68	63	32	20	29	3	11	2	—	8 229	9 980	71
Median -----	\$133	\$97	\$127	\$155	\$154	\$160	\$175	\$227	\$240	\$408	...	...	\$105
GROSS RENT													
Less than \$100 -----	773	553	155	10	11	30	14	—	—	—	3 970	4 815	403
\$100 to \$149 -----	1 264	404	514	113	75	98	40	9	11	—	6 662	8 194	371
\$150 to \$199 -----	1 318	268	443	239	119	167	51	28	3	—	9 404	9 958	272
\$200 to \$249 -----	1 031	146	316	207	121	166	53	15	7	—	10 646	11 170	176
\$250 to \$299 -----	529	45	130	63	68	105	70	25	23	—	13 474	14 660	57
\$300 to \$349 -----	317	31	19	41	43	55	48	55	22	3	18 614	21 857	25
\$350 to \$399 -----	97	—	22	3	13	20	—	37	2	—	17 188	19 529	9
\$400 to \$499 -----	53	11	9	—	—	8	11	1	11	2	19 250	20 397	17
\$500 or more -----	25	8	2	4	—	5	—	—	—	6	11 563	19 004	8
No cash rent -----	228	68	63	32	20	29	3	11	2	—	8 229	9 980	71
Median -----	\$174	\$118	\$161	\$195	\$208	\$213	\$230	\$307	\$291	\$500+	...	...	\$128
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent -----	1 098	31	132	84	116	325	191	129	79	11	17 236	20 047	38
15 to 19 percent -----	879	64	160	197	146	198	73	41	—	—	12 817	13 427	70
20 to 24 percent -----	922	139	351	194	114	106	18	—	—	—	9 489	9 892	123
25 to 29 percent -----	654	120	317	135	60	17	5	—	—	—	8 505	8 549	67
30 to 34 percent -----	402	105	219	61	14	3	—	—	—	—	6 714	6 902	82
35 to 49 percent -----	622	285	327	5	—	5	—	—	—	—	5 275	5 240	269
50 percent or more -----	770	662	104	4	—	—	—	—	—	—	2 637	3 013	629
Not computed -----	288	128	63	32	20	29	3	11	2	—	6 026	7 817	131
Median -----	23.8	47.8	27.6	21.5	18.7	15.1	13.0	12.6	10—	10.4	...	...	49.3

Table B—5. **Selected Monthly Owner Costs for Mortgaged Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Joplin city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	4 945	1 701	926	710	584	346	346	214	60	58	242
PERSONS IN UNIT											
1 person	571	330	111	56	23	18	23	10	—	—	185
2 persons	1 553	638	295	260	159	102	64	29	6	—	223
3 persons	1 125	350	183	195	138	71	78	78	18	14	258
4 persons	1 019	242	209	115	145	96	84	80	19	29	275
5 persons	481	115	128	52	67	25	63	6	17	8	249
6 persons	111	14	—	32	9	20	29	—	—	7	351
7 persons	69	12	—	—	27	14	5	11	—	—	342
8 or more persons	16	—	—	—	16	—	—	—	—	—	325
Median	2.81	2.32	2.81	2.70	3.30	3.25	3.60	3.37	3.82	4.02	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	3 917	1 202	729	571	495	302	311	198	58	51	252
15 to 24 years	234	67	55	50	17	22	15	4	4	—	245
25 to 34 years	1 103	240	201	135	193	113	110	80	11	20	291
35 to 44 years	934	256	158	94	131	87	100	50	31	27	278
45 to 64 years	1 396	512	274	253	129	72	86	54	12	4	234
65 years and over	250	127	41	39	25	8	—	10	—	—	199
Male householder, no wife present	254	113	33	43	19	18	14	7	—	7	221
15 to 24 years	17	10	2	5	—	—	—	—	—	—	181
25 to 34 years	74	17	23	19	3	12	—	—	—	—	243
35 to 44 years	53	15	—	19	8	—	2	2	—	7	280
45 to 64 years	94	65	—	—	6	—	12	5	—	—	167
65 years and over	16	6	8	—	2	—	—	—	—	—	213
Female householder, no husband present	774	386	164	96	70	26	21	9	2	—	200
15 to 24 years	12	6	—	—	—	6	—	—	—	—	275
25 to 34 years	125	31	30	29	10	10	9	6	—	—	253
35 to 44 years	133	39	30	21	31	6	6	—	—	—	246
45 to 64 years	330	181	76	41	22	2	6	—	2	—	192
65 years and over	174	129	28	5	7	2	—	3	—	—	164
Median age	42.8	49.1	42.0	43.3	38.4	35.7	38.8	37.8	41.2	36.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	849	135	113	170	112	116	64	82	32	25	303
1975 to 1978	1 804	469	329	238	308	155	191	74	14	26	272
1970 to 1974	1 063	397	233	161	98	61	57	43	6	7	229
1960 to 1969	888	488	155	118	66	8	34	11	8	—	193
1959 or earlier	341	212	96	23	—	6	—	4	—	—	184
ROOMS											
1 to 3 rooms	76	62	8	—	6	—	—	—	—	—	160
4 rooms	637	418	136	44	23	12	—	4	—	—	176
5 rooms	1 635	717	361	281	128	88	34	26	—	—	214
6 rooms	1 263	346	227	218	200	110	108	41	7	6	263
7 rooms	681	83	115	97	134	80	85	54	26	7	317
8 or more rooms	653	75	79	70	93	56	119	89	27	45	358
Median	5.6	5.0	5.4	5.6	6.2	6.2	6.9	7.2	7.4	8.3	...
YEAR STRUCTURE BUILT											
1975 to March 1980	396	20	21	22	68	45	85	77	37	21	424
1970 to 1974	377	45	73	37	55	83	55	23	2	4	330
1960 to 1969	968	245	168	203	156	79	81	22	8	6	267
1950 to 1949	979	387	230	170	98	46	26	12	4	6	222
1940 to 1939	790	335	213	74	56	43	34	35	—	—	214
1939 or earlier	1 435	669	221	204	151	50	65	45	9	21	211
VALUE											
Less than \$10,000	258	211	28	9	10	—	—	—	—	—	152
\$10,000 to \$19,999	909	626	156	69	48	3	7	—	—	—	178
\$20,000 to \$29,999	1 184	452	300	250	121	48	4	9	—	—	223
\$30,000 to \$39,999	987	278	226	175	149	74	61	10	7	7	248
\$40,000 to \$49,999	614	83	161	97	112	87	47	27	—	—	282
\$50,000 to \$59,999	475	44	29	79	91	70	109	42	11	—	347
\$60,000 to \$79,999	336	—	26	31	44	62	67	83	11	12	408
\$80,000 to \$99,999	106	7	—	—	9	2	41	22	14	11	485
\$100,000 to \$149,999	65	—	—	—	—	—	10	14	13	28	698
\$150,000 or more	11	—	—	—	—	—	—	7	4	—	579
Median	\$31 100	\$20 200	\$28 100	\$31 100	\$37 500	\$44 900	\$53 600	\$64 800	\$81 100	\$98 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	1 941	937	357	277	112	73	108	55	13	9	205
15 to 19 percent	997	271	197	139	182	107	60	22	9	10	261
20 to 24 percent	750	158	141	116	110	65	78	52	16	14	283
25 to 29 percent	398	80	34	77	84	38	42	29	8	6	305
30 to 34 percent	228	44	36	39	34	12	19	32	12	—	294
35 percent or more	603	189	161	62	62	51	39	18	2	19	235
Not computed	28	22	—	—	—	—	—	6	—	—	164
Median	17.6	14.0	17.7	17.8	19.9	19.7	20.3	22.6	22.5	23.6	...
SELECTED CHARACTERISTICS											
Heating equipment	4 945	1 701	926	710	584	346	346	214	60	58	242
Steam or hot water system	146	—	17	20	13	30	23	24	9	10	388
Central warm-air furnace or electric heat pump	3 247	793	638	526	441	269	307	181	51	41	268
Other built-in electric units	33	—	17	4	12	—	—	—	—	—	249
Floor, wall, or pipeless furnace	1 017	544	200	114	100	47	3	9	—	—	195
Other means	502	364	54	46	18	—	13	—	—	7	160
Air conditioning	4 020	1 195	789	586	503	311	325	200	60	51	252
Central system	1 888	279	344	258	283	199	271	157	56	41	311
1 or more individual room units	2 132	916	445	328	220	112	54	43	4	10	217
House heating fuel	4 945	1 701	926	710	584	346	346	214	60	58	242
Utility gas	4 644	1 632	882	688	556	319	291	184	49	43	239
Bottled, tank, or LP gas	35	28	—	—	—	—	7	—	—	—	177
Electricity	211	19	44	15	22	27	35	30	11	8	360
Fuel oil, kerosene, etc.	6	—	—	—	—	—	6	—	—	—	425
Other	49	22	—	7	6	—	7	—	—	7	268

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Joplin city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	4 437	387	1 443	1 180	762	318	236	57	54	83
PERSONS IN UNIT										
1 person -----	1 701	303	707	396	182	71	30	—	12	69
2 persons -----	2 030	62	568	615	366	175	170	46	28	91
3 persons -----	376	13	86	106	114	40	11	—	6	96
4 persons -----	208	4	62	52	59	9	15	5	2	93
5 persons -----	71	—	18	7	14	18	2	6	6	119
6 persons -----	38	—	2	—	23	5	8	—	—	118
7 persons -----	5	5	—	—	—	—	—	—	—	50—
8 or more persons -----	8	—	—	4	4	—	—	—	—	100
Median -----	1.75	1.14	1.53	1.82	2.04	2.00	2.02	2.12	2.04	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	2 361	60	612	678	505	209	206	51	40	94
15 to 24 years -----	17	—	—	7	10	—	—	—	—	104
25 to 34 years -----	105	20	28	27	16	—	8	—	6	79
35 to 44 years -----	90	5	23	22	23	5	7	5	—	94
45 to 64 years -----	1 122	21	245	322	283	98	91	40	22	98
65 years and over -----	1 027	14	316	300	173	106	100	6	12	90
Male householder, no wife present -----	406	107	148	90	20	41	—	—	—	66
15 to 24 years -----	8	—	2	6	—	—	—	—	—	83
25 to 34 years -----	7	—	—	1	—	6	—	—	—	135
35 to 44 years -----	51	8	14	7	—	22	—	—	—	88
45 to 64 years -----	98	14	47	24	13	—	—	—	—	69
65 years and over -----	242	85	85	52	7	13	—	—	—	61
Female householder, no husband present -----	1 670	220	683	412	237	68	30	6	14	73
15 to 24 years -----	6	—	—	—	6	—	—	—	—	113
25 to 34 years -----	13	—	5	8	—	—	—	—	—	80
35 to 44 years -----	46	2	17	17	—	6	—	6	8	96
45 to 64 years -----	377	54	139	62	90	15	17	—	—	74
65 years and over -----	1 228	164	532	325	141	47	13	—	6	71
Median age -----	67.3	69.8	70.5	67.3	62.5	65.9	64.6	57.8	49.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	164	28	30	49	33	—	12	—	12	87
1975 to 1978 -----	470	35	78	122	120	30	44	31	10	100
1970 to 1974 -----	456	29	152	100	87	54	25	7	2	87
1960 to 1969 -----	1 017	86	356	203	186	88	81	7	10	83
1959 or earlier -----	2 330	209	827	706	336	146	74	12	20	80
ROOMS										
1 to 3 rooms -----	188	78	81	20	7	—	—	—	2	55
4 rooms -----	1 109	181	480	336	78	14	12	2	6	69
5 rooms -----	1 531	79	620	462	218	92	34	14	12	79
6 rooms -----	954	32	201	268	247	122	66	14	4	98
7 rooms -----	380	11	45	73	119	51	74	7	—	113
8 or more rooms -----	275	6	16	21	93	39	50	20	30	126
Median -----	5.1	4.1	4.8	5.0	5.8	5.9	6.6	6.4	8.5+	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	104	14	—	18	50	5	12	5	—	110
1970 to 1974 -----	73	10	2	11	25	11	—	8	6	113
1960 to 1969 -----	417	15	50	54	94	86	93	19	6	124
1950 to 1959 -----	740	9	182	248	140	81	61	11	8	93
1940 to 1949 -----	677	79	280	207	64	27	14	6	—	73
1939 or earlier -----	2 426	260	929	642	389	108	56	8	34	76
VALUE										
Less than \$10,000 -----	667	183	321	111	43	9	—	—	—	62
\$10,000 to \$19,999 -----	1 461	172	685	401	145	30	26	2	—	70
\$20,000 to \$29,999 -----	1 028	23	343	376	186	64	18	—	18	85
\$30,000 to \$39,999 -----	589	4	84	204	196	63	36	—	2	100
\$40,000 to \$49,999 -----	309	—	8	68	132	62	15	22	2	115
\$50,000 to \$59,999 -----	153	5	—	9	50	46	37	6	—	132
\$60,000 to \$79,999 -----	131	—	—	9	4	35	78	5	—	161
\$80,000 to \$99,999 -----	41	—	—	2	—	9	18	12	—	176
\$100,000 to \$149,999 -----	48	—	2	—	6	—	8	4	28	250+
\$150,000 or more -----	10	—	—	—	—	—	—	6	4	242
Median -----	\$20 600	\$10 500	\$15 500	\$21 400	\$30 400	\$35 600	\$55 600	\$58 800	\$112 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	2 055	146	658	508	375	195	113	34	26	86
10 to 14 percent -----	866	109	221	255	143	55	68	15	—	85
15 to 19 percent -----	565	79	248	128	62	21	13	—	14	71
20 to 24 percent -----	384	27	127	141	52	16	15	6	—	82
25 to 29 percent -----	226	13	95	69	28	13	—	—	8	77
30 to 34 percent -----	84	—	20	33	23	—	8	—	—	92
35 percent or more -----	238	13	63	38	79	18	19	2	6	102
Not computed -----	19	—	11	8	—	—	—	—	—	72
Median -----	10.9	12.2	11.3	11.5	10.2	10—	10.4	10—	15.4	...
SELECTED CHARACTERISTICS										
Heating equipment -----	4 437	387	1 443	1 180	762	318	236	57	54	83
Steam or hot water system -----	148	—	5	37	65	11	14	—	16	112
Central warm-air furnace or electric heat pump -----	1 976	55	303	570	502	255	202	57	32	103
Other built-in electric units -----	39	—	25	12	2	—	—	—	—	69
Floor, wall, or pipeless furnace -----	1 344	176	687	384	82	15	—	—	—	68
Other means -----	930	156	423	177	111	37	20	—	6	68
Air conditioning -----	3 230	142	949	913	626	276	219	57	48	89
Central system -----	1 012	27	75	224	226	179	182	57	42	120
1 or more individual room units -----	2 218	115	874	689	400	97	37	—	6	79
House heating fuel -----	4 437	387	1 443	1 180	762	318	236	57	54	83
Utility gas -----	4 241	365	1 403	1 138	738	297	195	51	54	83
Bottled, tank, or LP gas -----	60	9	10	10	7	2	22	—	—	104
Electricity -----	98	—	30	25	6	12	19	6	—	94
Fuel oil, kerosene, etc. -----	—	—	—	—	—	—	—	—	—	—
Other -----	38	13	—	7	11	7	—	—	—	96

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Joplin city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	10 263	547	544	1 524	3 393	4 255	5 762	634	557	696	1 952	1 923
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 809	460	462	1 118	2 361	2 408	1 985	187	140	374	750	534
15 to 24 years	290	22	13	35	131	89	508	25	18	75	231	159
25 to 34 years	1 307	147	127	247	419	367	647	62	69	151	248	117
35 to 44 years	1 091	146	103	193	348	301	330	27	24	33	165	81
45 to 64 years	2 703	106	183	457	975	982	379	58	11	92	89	129
65 years and over	1 418	39	36	186	488	669	121	15	18	23	17	48
Male householder, no wife present	771	35	17	88	270	361	1 293	118	97	105	457	516
15 to 24 years	31	—	—	—	25	6	437	19	49	48	215	106
25 to 34 years	104	—	3	24	57	20	420	49	26	29	156	160
35 to 44 years	116	2	2	17	53	42	130	13	—	15	49	53
45 to 64 years	216	15	2	26	74	99	198	11	17	11	37	122
65 years and over	304	18	10	21	61	194	108	26	5	2	—	75
Female householder, no husband present	2 683	52	65	318	762	1 486	2 484	329	320	217	745	873
15 to 24 years	29	4	2	—	17	6	476	48	68	56	205	99
25 to 34 years	149	18	1	33	37	60	538	46	77	52	218	145
35 to 44 years	184	—	7	54	39	84	233	32	48	27	85	41
45 to 64 years	758	27	43	84	266	338	507	85	19	44	134	225
65 years and over	1 563	3	12	147	403	998	730	118	108	38	103	363
Median age	56.3	39.6	45.8	52.0	54.9	62.2	33.9	44.6	32.4	32.4	29.3	45.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 118	198	65	140	379	336	3 172	431	317	394	1 201	829
1975 to 1978	2 482	349	207	464	740	722	1 739	203	178	225	559	574
1970 to 1974	1 655	—	272	256	550	577	348	—	62	44	83	159
1960 to 1969	2 116	—	—	664	658	794	301	—	—	33	82	186
1959 or earlier	2 892	—	—	—	1 066	1 826	202	—	—	—	27	175
ROOMS												
1 room	4	—	2	—	2	—	120	—	16	7	30	67
2 rooms	37	—	—	6	21	10	397	37	35	17	90	218
3 rooms	309	10	10	38	81	170	1 458	214	141	94	441	568
4 rooms	1 929	44	63	149	708	965	1 703	211	191	228	648	425
5 rooms	3 414	119	168	528	1 161	1 438	1 220	94	98	224	398	406
6 rooms	2 439	166	163	445	843	822	608	64	42	93	231	178
7 or more rooms	2 131	208	138	358	577	850	256	14	34	33	114	61
Median	5.3	6.1	5.7	5.6	5.3	5.2	4.0	3.8	4.0	4.5	4.1	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	10 225	547	544	1 524	3 387	4 223	5 646	634	550	688	1 929	1 845
0.50 or less	7 438	331	348	1 064	2 450	3 245	3 683	462	414	389	1 147	1 271
0.51 to 1.00	2 685	216	184	428	902	955	1 803	172	136	271	725	499
1.01 to 1.50	77	—	12	19	27	19	107	—	—	17	34	56
1.51 or more	25	—	—	13	8	4	53	—	—	11	23	19
Lacking complete plumbing for exclusive use	38	—	—	—	6	32	116	—	7	8	23	78
0.50 or less	28	—	—	—	6	22	54	—	7	7	12	28
0.51 to 1.00	—	—	—	—	—	—	55	—	—	1	11	43
1.01 to 1.50	5	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	5	—	—	—	—	5	7	—	—	—	—	7
PERSONS IN UNIT												
1 person	2 522	67	52	249	754	1 400	2 462	295	301	196	661	1 009
2 persons	3 924	153	182	599	1 466	1 524	1 552	177	124	201	548	502
3 persons	1 637	108	117	339	467	606	801	93	68	102	366	172
4 persons	1 343	174	119	222	462	366	544	32	50	120	231	111
5 persons	584	40	37	76	199	232	248	37	4	47	98	62
6 or more persons	253	5	37	39	45	127	155	—	10	30	48	67
Median	2.17	3.00	2.82	2.36	2.14	1.98	1.77	1.62	1.43	2.26	2.07	1.45
Total persons	25 216	1 693	1 581	4 026	8 332	9 584	12 400	1 241	1 048	1 789	4 536	3 786
UNITS IN STRUCTURE												
1, detached or attached	9 942	520	479	1 472	3 362	4 109	3 063	96	100	367	1 429	1 071
2	73	—	—	—	6	67	531	94	26	28	165	218
3 and 4	69	—	5	6	4	54	674	96	51	62	167	298
5 to 9	30	—	—	5	9	16	318	43	80	39	40	116
10 to 49	20	4	—	—	7	9	744	149	142	143	129	181
50 or more	5	—	—	—	5	—	393	154	126	52	22	39
Mobile home or trailer, etc.	124	23	60	41	—	—	39	2	32	5	—	—
SELECTED CHARACTERISTICS												
Heating equipment	10 263	547	544	1 524	3 393	4 255	5 756	634	557	696	1 946	1 923
Steam or hot water system	366	16	—	4	45	301	347	19	15	9	73	231
Central warm-air furnace or electric heat pump	5 730	497	499	1 334	1 904	1 496	2 408	567	458	504	541	338
Other built-in electric units	83	7	9	2	40	25	181	21	54	14	61	31
Floor, wall, or pipeless furnace	2 551	12	19	127	1 010	1 383	1 524	27	12	88	704	693
Other means	1 533	15	17	57	394	1 050	1 296	—	18	81	567	630
Air conditioning	7 941	518	474	1 412	2 632	2 905	3 218	595	520	563	920	620
Central system	3 193	491	380	901	909	512	1 602	568	443	387	127	77
1 or more individual room units	4 748	27	94	511	1 723	2 393	1 616	27	77	176	793	543
House heating fuel	10 263	547	544	1 524	3 393	4 255	5 756	634	557	696	1 946	1 923
Utility gas	9 718	417	479	1 467	3 230	4 125	4 865	356	282	554	1 848	1 825
Bottled, tank, or LP gas	105	7	—	7	41	50	35	—	—	—	14	21
Electricity	342	116	52	50	94	30	804	278	269	126	84	47
Fuel oil, kerosene, etc.	6	—	—	—	6	—	19	—	—	13	—	6
Other	92	7	13	—	22	50	33	—	6	3	—	24
Income in 1979 below poverty level	1 175	18	33	93	364	667	1 437	147	144	106	483	557
Percent below poverty level	11.4	3.3	6.1	6.1	10.7	15.7	24.9	23.2	25.9	15.2	24.7	29.0
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 694	24	34	125	448	1 063	1 572	213	180	75	447	657
\$5,000 to \$9,999	1 824	36	49	128	658	953	1 690	165	130	224	566	605
\$10,000 to \$12,499	951	21	47	106	324	453	743	66	61	79	335	202
\$12,500 to \$14,999	816	44	33	133	352	254	479	26	35	79	193	146
\$15,000 to \$19,999	1 609	89	86	272	584	578	704	79	57	118	255	195
\$20,000 to \$24,999	1 173	102	97	244	377	353	290	25	57	45	88	75
\$25,000 to \$34,999	1 343	106	80	295	481	381	181	52	16	42	40	31
\$35,000 to \$49,999	544	72	82	149	112	129	92	8	18	28	26	12
\$50,000 or more	309	53	36	72	57	91	11	—	3	6	2	—
Median	\$14 530	\$23 032	\$21 173	\$19 957	\$14 393	\$10 615	\$8 727	\$7 114	\$8 709	\$11 551	\$9 641	\$7 379
Mean	\$17 518	\$28 587	\$24 977	\$22 992	\$16 386	\$14 084	\$10 518	\$10 664	\$12 885	\$13 653	\$10 470	\$8 698

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Joplin city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	10 263	9 942	197	124	5 762	3 063	531	674	318	744	393	39
Condominium housing units	—	—	—	—	57	—	—	5	24	12	16	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 809	6 650	91	68	1 985	1 378	146	138	79	167	77	—
15 to 24 years	290	261	14	15	508	327	22	69	38	37	15	—
25 to 34 years	1 307	1 281	4	22	647	452	67	39	4	61	24	—
35 to 44 years	1 091	1 080	9	2	330	260	12	16	2	35	5	—
45 to 64 years	2 703	2 648	50	5	379	285	31	5	17	16	25	—
65 years and over	1 418	1 380	14	24	121	54	14	9	18	18	8	—
Male householder, no wife present	771	724	32	15	1 293	467	131	220	123	264	71	17
15 to 24 years	31	31	—	—	437	130	53	117	48	80	7	2
25 to 34 years	104	94	10	—	420	184	37	51	46	85	7	10
35 to 44 years	116	116	—	—	130	66	18	7	7	26	1	5
45 to 64 years	216	198	12	6	198	64	16	43	11	52	12	—
65 years and over	304	285	10	9	108	23	7	2	11	21	44	—
Female householder, no husband present	2 683	2 568	74	41	2 484	1 218	254	316	116	313	245	22
15 to 24 years	29	23	—	6	476	197	49	76	27	83	32	12
25 to 34 years	149	147	—	2	538	303	58	71	7	65	28	6
35 to 44 years	184	184	—	—	233	125	30	34	14	15	15	—
45 to 64 years	758	737	11	10	507	311	63	44	25	34	30	—
65 years and over	1 563	1 477	63	23	730	282	54	91	43	116	140	4
Median age	56.3	56.2	62.1	61.3	33.9	34.2	33.4	28.8	32.9	32.3	64.4	27.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 118	1 077	20	21	3 172	1 524	326	496	154	450	199	23
1975 to 1978	2 482	2 416	29	37	1 739	1 004	143	114	102	207	153	16
1970 to 1974	1 655	1 573	47	35	348	187	18	41	29	49	24	—
1960 to 1969	2 116	2 036	49	31	301	216	12	23	19	20	11	—
1959 or earlier	2 892	2 840	52	—	202	132	32	—	14	18	6	—
ROOMS												
1 room	4	4	—	—	120	11	—	11	5	88	5	—
2 rooms	37	25	12	—	397	72	35	78	47	84	81	—
3 rooms	309	256	34	19	1 458	413	196	260	121	240	220	8
4 rooms	1 929	1 813	44	72	1 703	980	207	163	43	215	64	31
5 rooms	3 414	3 340	43	31	1 220	886	72	102	66	71	23	—
6 rooms	2 439	2 404	33	2	608	457	21	60	32	38	—	—
7 or more rooms	2 131	2 100	31	—	256	244	—	—	4	8	—	—
Median	5.3	5.4	4.7	4.1	4.0	4.6	3.7	3.5	3.4	3.3	3.0	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	10 225	9 904	197	124	5 646	3 052	524	652	291	695	393	39
0.50 or less	7 438	7 212	131	95	3 683	1 829	403	440	198	464	318	31
0.51 to 1.00	2 685	2 594	66	25	1 803	1 126	113	198	86	208	64	8
1.01 to 1.50	77	73	—	4	107	81	—	14	7	5	—	—
1.51 or more	25	25	—	—	53	16	8	—	—	18	11	—
Lacking complete plumbing for exclusive use	38	38	—	—	116	11	7	22	27	49	—	—
0.50 or less	28	28	—	—	54	10	7	11	20	6	—	—
0.51 to 1.00	—	—	—	—	55	1	—	11	7	36	—	—
1.01 to 1.50	5	5	—	—	—	—	—	—	—	—	—	—
1.51 or more	5	5	—	—	7	—	—	—	—	7	—	—
BEDROOMS												
None	10	10	—	—	231	38	6	33	12	123	19	—
1	650	577	56	17	2 154	673	267	398	178	329	307	2
2	4 383	4 218	69	96	2 315	1 498	246	160	88	231	55	37
3	4 260	4 182	67	11	908	717	12	71	40	56	12	—
4	830	825	5	—	152	135	—	12	—	5	—	—
5 or more	130	130	—	—	2	2	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 694	1 612	39	43	1 572	636	151	235	112	219	192	27
\$5,000 to \$9,999	1 824	1 758	34	32	1 690	794	158	287	99	237	107	8
\$10,000 to \$12,499	951	910	32	9	743	486	61	67	16	90	23	—
\$12,500 to \$14,999	816	806	4	6	479	344	35	35	13	35	15	2
\$15,000 to \$19,999	1 609	1 565	25	19	704	427	79	44	26	103	25	—
\$20,000 to \$24,999	1 173	1 150	21	2	290	190	27	—	28	25	20	—
\$25,000 to \$34,999	1 343	1 306	30	7	181	121	14	6	10	24	4	2
\$35,000 to \$49,999	544	526	12	6	92	57	6	—	11	11	7	—
\$50,000 or more	309	309	—	—	11	8	—	—	3	—	—	—
Median	\$14 530	\$14 643	\$11 992	\$7 500	\$8 727	\$10 522	\$8 690	\$6 604	\$7 260	\$7 835	\$5 156	\$3 661
Mean	\$17 518	\$17 658	\$14 772	\$10 699	\$10 518	\$11 565	\$10 259	\$7 302	\$13 106	\$9 772	\$8 043	\$5 477
SELECTED CHARACTERISTICS												
Heating equipment	10 263	9 942	197	124	5 756	3 063	531	668	318	744	393	39
Steam or hot water system	366	325	41	—	347	30	12	60	42	162	41	—
Central warm-air furnace or electric heat pump	5 730	5 531	77	122	2 408	1 009	212	283	135	454	294	21
Other built-in electric units	83	75	6	2	181	51	25	20	21	29	35	—
Floor, wall, or pipeless furnace	2 551	2 497	54	—	1 524	1 088	161	162	70	31	6	—
Other means	1 533	1 514	19	—	1 296	885	121	143	50	68	17	12
Air conditioning	7 941	7 704	126	111	3 218	1 456	277	356	179	548	367	35
Central system	3 193	3 088	39	66	1 602	308	155	198	139	465	331	6
Vehicles available	9 351	9 087	153	111	4 780	2 666	448	550	272	551	264	29
1	3 665	3 531	64	70	2 972	1 367	307	455	188	418	218	19
2 or more	5 686	5 556	89	41	1 808	1 299	141	95	84	133	46	10
House heating fuel	10 263	9 942	197	124	5 756	3 063	531	668	318	744	393	39
Utility gas	9 718	9 418	182	118	4 865	2 913	438	605	214	464	192	39
Bottled, tank, or LP gas	105	105	—	—	35	29	—	6	—	—	—	—
Electricity	342	321	15	6	804	100	79	51	98	275	201	—
Fuel oil, kerosene, etc.	6	6	—	—	19	—	8	6	—	5	—	—
Other	92	92	—	—	33	21	6	—	6	—	—	—
Water heating fuel	10 238	9 917	197	124	5 721	3 058	531	674	318	708	393	39
Utility gas	9 404	9 130	188	86	4 778	2 887	425	579	226	438	197	26
Bottled, tank, or LP gas	90	90	—	—	121	47	14	26	12	16	6	—
Electricity	737	690	9	38	808	124	84	69	74	254	190	13
Fuel oil, kerosene, etc.	7	7	—	—	8	—	8	—	—	—	—	—
Other	—	—	—	—	6	—	—	—	6	—	—	—
Family householder	7 652	7 461	114	77	2 934	1 946	256	242	109	273	100	8
With own children under 18 years	3 016	2 952	46	18	1 805	1 257	114	178	56	156	36	8
With own children under 6 years	1 214	1 192	8	14	1 006	657	52	118	34	112	27	6
Female householder, no husband present	677	650	18	9	818	522	84	90	17	76	23	6
With own children under 18 years	262	262	—	—	635	408	55	90	11	58	7	6
With own children under 6 years	39	39	—	—	287	153	19	49	11	49	—	6
Nonfamily householder	2 611	2 481	83	47	2 828	1 117	275	432	209	471	293	31
Income in 1979 below poverty level	1 175	1 102	32	41	1 437	686	133	197	91	190	115	25
Percent below poverty level	11.4	11.1	16.2	33.1	24.9	22.4	25.0	29.2	28.6	25.5	29.3	64.1

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Joplin city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units -----	10 263	2 522	3 924	1 637	1 343	584	149	80	24	2.17	25 216
Nonrelatives present -----	194	—	81	37	31	25	20	—	—	2.93	645
ROOMS											
1 to 3 rooms -----	350	211	98	16	12	13	—	—	—	1.33	576
4 rooms -----	1 929	811	764	212	92	43	2	5	—	1.70	3 786
5 rooms -----	3 414	907	1 372	553	406	152	8	12	4	2.08	7 722
6 rooms -----	2 439	363	1 129	391	370	151	30	5	—	2.26	6 170
7 rooms -----	1 130	115	371	209	265	100	38	28	4	2.88	3 435
8 or more rooms -----	1 001	115	190	256	198	125	71	30	16	3.26	3 527
Median -----	5.3	4.8	5.3	5.6	5.9	6.1	7.4	7.1	8.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use -----	10 225	2 497	3 924	1 634	1 343	579	149	75	24	2.17	25 107
1.00 or less -----	10 123	2 497	3 922	1 634	1 331	528	139	58	14	2.15	24 559
1.01 to 1.50 -----	77	—	—	—	6	38	10	17	6	5.36	446
1.51 or more -----	25	—	2	—	6	13	—	—	4	4.85	102
Lacking complete plumbing for exclusive use -----	38	25	3	3	—	5	—	5	—	1.26	109
1.00 or less -----	28	25	—	3	—	—	—	—	—	1.06	45
1.01 to 1.50 -----	5	—	—	—	—	5	—	—	—	5.00	28
1.51 or more -----	5	—	—	—	—	—	—	5	—	7.00	36
UNITS IN STRUCTURE											
1, detached or attached -----	9 942	2 399	3 804	1 612	1 307	567	149	80	24	2.18	24 449
2 or more -----	197	81	56	23	24	13	—	—	—	1.81	506
Mobile home or trailer, etc. -----	124	42	64	2	12	4	—	—	—	1.81	261
VALUE											
Specified owner-occupied housing units -----	9 382	2 272	3 583	1 501	1 227	552	149	74	24	2.18	23 004
Less than \$10,000 -----	925	403	315	59	71	47	20	4	—	1.69	2 024
\$10,000 to \$19,999 -----	2 370	902	786	365	184	85	30	14	4	1.86	5 132
\$20,000 to \$29,999 -----	2 212	543	968	305	254	115	14	11	2	2.08	4 869
\$30,000 to \$39,999 -----	1 576	216	647	271	226	147	42	13	14	2.38	4 144
\$40,000 to \$49,999 -----	923	117	391	157	177	64	12	5	—	2.38	2 347
\$50,000 to \$59,999 -----	628	22	276	142	141	21	26	—	—	2.61	1 928
\$60,000 to \$79,999 -----	467	49	134	129	112	25	13	5	—	2.89	1 444
\$80,000 to \$99,999 -----	147	12	45	42	28	20	—	—	—	2.89	457
\$100,000 to \$149,999 -----	113	8	17	27	30	19	6	6	—	3.65	539
\$150,000 or more -----	21	—	4	4	4	9	—	—	—	4.13	120
Median -----	\$25 500	\$17 400	\$26 000	\$30 600	\$33 300	\$32 100	\$37 500	\$28 200	\$31 400	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979 -----	10 263	2 522	3 924	1 637	1 343	584	149	80	24	2.17	25 216
Median income -----	\$14 530	\$5 108	\$14 454	\$20 425	\$21 630	\$19 085	\$21 607	\$12 500	\$25 357	...	...
Median selected monthly owner costs as percentage of household income -----	14.5	19.5	12.3	13.1	14.5	15.9	19.9	28.3	17.9	...	...
With a mortgage -----	17.6	27.6	16.3	16.0	16.8	17.3	22.6	40.2	17.9	...	...
Not mortgaged -----	10.9	17.5	10—	10—	10—	10—	10—	17.5	30.0	...	...
Income in 1979 below poverty level -----	1 175	658	266	61	45	91	13	37	4	1.39	...
Median income -----	\$3 151	\$2 923	\$3 359	\$2500—	\$3 594	\$4 718	\$2500—	\$9 034	\$2500—	...	...
Median selected monthly owner costs as percentage of household income -----	37.8	29.0	44.4	50+	50+	50+	50+	46.4	50+	...	...
With a mortgage -----	50+	50+	50+	50+	50+	50+	50+	47.6	50+	...	...
Not mortgaged -----	27.8	27.8	27.5	50+	50+	22.5	—	17.5	50+	...	...
Renter-occupied housing units -----	5 762	2 462	1 552	801	544	248	95	48	12	1.77	12 400
Nonrelatives present -----	508	—	298	111	55	11	19	14	—	2.35	1 397
ROOMS											
1 room -----	120	96	17	7	—	—	—	—	—	1.13	153
2 rooms -----	397	345	33	8	—	—	11	—	—	1.08	464
3 rooms -----	1 458	972	366	94	12	—	8	6	—	1.25	2 063
4 rooms -----	1 703	612	632	268	144	28	13	6	—	1.88	3 448
5 rooms -----	1 220	328	326	221	220	95	13	12	5	2.37	3 242
6 rooms -----	608	94	123	156	117	74	30	14	—	3.06	1 982
7 or more rooms -----	256	15	55	47	51	51	20	10	7	3.72	1 048
Median -----	4.0	3.3	4.1	4.6	5.0	5.5	5.6	5.5	7.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use -----	5 646	2 386	1 531	782	544	248	95	48	12	1.79	12 213
1.00 or less -----	5 486	2 386	1 514	774	532	220	50	10	—	1.74	11 358
1.01 to 1.50 -----	107	—	—	8	12	28	26	7	—	5.71	642
1.51 or more -----	53	—	17	—	—	—	19	12	5	6.00	213
Lacking complete plumbing for exclusive use -----	116	76	21	19	—	—	—	—	—	1.26	187
1.00 or less -----	109	76	21	12	—	—	—	—	—	1.22	166
1.01 to 1.50 -----	—	—	—	—	—	—	—	—	—	—	—
1.51 or more -----	7	—	—	7	—	—	—	—	—	3.00	21
UNITS IN STRUCTURE											
1, detached or attached -----	3 063	921	846	550	425	191	76	42	12	2.22	7 877
2 -----	531	226	229	62	6	—	8	—	—	1.67	916
3 and 4 -----	674	400	134	80	26	34	—	—	—	1.34	1 200
5 to 9 -----	318	170	88	28	30	2	—	—	—	1.44	555
10 to 49 -----	744	438	179	66	38	17	—	6	—	1.35	1 191
50 or more -----	393	284	68	13	13	4	11	—	—	1.19	589
Mobile home or trailer, etc. -----	39	23	8	2	6	—	—	—	—	1.35	72
GROSS RENT											
Specified renter-occupied housing units -----	5 635	2 407	1 529	785	530	229	95	48	12	1.77	12 124
Less than \$100 -----	773	664	76	21	12	—	—	—	—	1.08	952
\$100 to \$149 -----	1 264	641	372	133	44	37	24	6	7	1.49	2 358
\$150 to \$199 -----	1 318	464	449	176	160	27	30	12	—	1.93	2 803
\$200 to \$249 -----	1 031	351	229	207	128	84	16	16	—	2.22	2 521
\$250 to \$299 -----	529	133	174	115	74	27	6	—	—	2.26	1 383
\$300 to \$349 -----	317	44	112	63	66	12	5	10	5	2.54	895
\$350 to \$399 -----	97	5	27	23	19	16	3	4	—	3.22	416
\$400 to \$499 -----	53	6	15	5	8	19	—	—	—	3.56	186
\$500 or more -----	25	—	11	—	12	2	—	—	—	3.63	81
No cash rent -----	228	99	64	42	7	5	11	—	—	1.73	529
Median -----	\$174	\$136	\$176	\$211	\$220	\$226	\$166	\$234	\$129	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979 -----	5 762	2 462	1 552	801	544	248	95	48	12	1.77	12 400
Median income -----	\$8 727	\$5 722	\$10 666	\$11 502	\$12 632	\$14 609	\$9 598	\$11 667	\$9 643	...	...
Median gross rent as percentage of household income -----	23.8	27.6	21.3	21.3	22.4	20.2	23.6	19.5	22.5	...	...
Income in 1979 below poverty level -----	1 437	727	294	142	148	45	52	22	7	1.49	...
Median income -----	\$3 169	\$2 784	\$2 825	\$4 444	\$4 333	\$4 844	\$7 679	\$5 417	\$8 750	...	...
Median gross rent as percentage of household income -----	49.3	44.8	50+	43.1	50+	50+	29.5	50+	22.5	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

Joplin city																
Owner-occupied housing units																
PERSONS IN UNIT																
1 person																
2 persons																
3 persons																
4 persons																
5 persons																
6 or more persons																
Median																
Total persons																
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use																
1.01 or more persons per room																
Lacking complete plumbing for exclusive use																
1.01 or more persons per room																
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified owner-occupied housing units																
With a mortgage																
Less than 15 percent																
15 to 19 percent																
20 to 24 percent																
25 to 29 percent																
30 to 34 percent																
35 percent or more																
Not computed																
Median																
Not mortgaged																
Less than 10 percent																
10 to 14 percent																
15 to 19 percent																
20 to 24 percent																
25 to 29 percent																
30 to 34 percent																
35 percent or more																
Not computed																
Median																
Renter-occupied housing units																
PERSONS IN UNIT																
1 person																
2 persons																
3 persons																
4 persons																
5 persons																
6 or more persons																
Median																
Total persons																
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use																
1.01 or more persons per room																
Lacking complete plumbing for exclusive use																
1.01 or more persons per room																
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified renter-occupied housing units																
Less than 15 percent																
15 to 19 percent																
20 to 24 percent																
25 to 29 percent																
30 to 34 percent																
35 to 49 percent																
50 percent or more																
Not computed																
Median																
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65 years and over																
Male householder, no wife present																
15 to 24 years																
25 to 34 years																
35 to 44 years																
45 to 64 years																
65 years and over																
Female householder, no husband present																
15 to 24 years																
25 to 34 years																
35 to 44 years																
45 to 64 years																
65 years and over																
Total																
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Male householder, no wife present																
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Female householder, no husband present																
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45 to 64 years																
65 years and over																
Female householder, no husband present																
15 to 24 years																
25 to 34 years																
35 to 44 years																
4																

Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Joplin city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units -----	2 522	575	20	64	50	156	285	1 947	18	50	38	495	1 346
PLUMBING FACILITIES													
Complete plumbing for exclusive use-----	2 497	562	20	64	50	156	272	1 935	18	50	38	489	1 340
Lacking complete plumbing for exclusive use-----	25	13	—	—	—	—	13	12	—	—	—	6	6
UNITS IN STRUCTURE													
1, detached or attached-----	2 399	537	20	54	50	147	266	1 862	12	50	38	474	1 288
2 or more-----	81	25	—	10	—	5	10	56	—	—	—	11	45
Mobile home or trailer, etc.-----	42	13	—	—	—	4	9	29	6	—	—	10	13
HOUSEHOLD INCOME IN 1979													
Less than \$5,000-----	1 243	204	—	5	6	39	154	1 039	8	6	2	159	864
\$5,000 to \$9,999-----	712	125	8	17	14	24	62	587	2	14	13	211	347
\$10,000 to \$12,499-----	148	56	—	25	2	12	17	92	8	2	6	33	43
\$12,500 to \$14,999-----	115	46	6	2	6	7	25	69	—	17	5	24	23
\$15,000 to \$19,999-----	131	52	6	15	12	16	3	79	—	11	—	44	24
\$20,000 to \$24,999-----	73	42	—	—	4	28	10	31	—	—	6	14	11
\$25,000 to \$34,999-----	37	23	—	—	6	17	—	14	—	—	—	10	4
\$35,000 to \$49,999-----	46	16	—	—	—	2	14	30	—	—	—	—	30
\$50,000 or more-----	17	11	—	—	—	11	—	6	—	—	6	—	—
Median-----	\$5 108	\$7 427	\$13 333	\$11 000	\$13 750	\$13 571	\$4 762	\$4 804	\$6 250	\$12 941	\$11 667	\$7 305	\$4 326
Mean-----	\$8 210	\$12 068	\$12 391	\$10 519	\$13 355	\$19 645	\$8 020	\$7 070	\$7 345	\$11 179	\$22 497	\$8 280	\$6 033
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units -----	2 272	496	14	52	50	141	239	1 776	12	50	38	458	1 218
With a mortgage-----	571	183	8	52	37	70	16	388	6	50	19	172	141
Less than \$200-----	330	90	8	14	15	47	6	240	6	14	6	107	107
\$200 to \$249-----	111	25	—	17	—	—	8	86	—	13	5	42	26
\$250 to \$299-----	56	18	—	6	12	—	—	38	—	8	2	23	5
\$300 to \$349-----	23	17	—	3	6	6	2	6	—	6	—	—	—
\$350 to \$399-----	18	12	—	12	—	—	—	6	—	—	6	—	—
\$400 to \$499-----	23	14	—	—	2	12	—	9	—	9	—	—	—
\$500 to \$599-----	10	7	—	—	2	5	—	3	—	—	—	—	3
\$600 to \$749-----	—	—	—	—	—	—	—	—	—	—	—	—	—
\$750 or more-----	—	—	—	—	—	—	—	—	—	—	—	—	—
Median-----	\$185	\$203	\$100—	\$235	\$265	\$170	\$213	\$180	\$175	\$242	\$235	\$178	\$161
Not mortgaged-----	1 701	313	6	—	13	71	223	1 388	6	—	19	286	1 077
Less than \$50-----	303	107	—	—	8	14	85	196	—	—	2	42	152
\$50 to \$74-----	707	112	—	—	—	34	78	595	—	—	—	118	477
\$75 to \$99-----	396	58	6	—	—	12	40	338	—	—	5	46	287
\$100 to \$124-----	182	18	—	—	—	11	7	164	6	—	—	57	101
\$125 to \$149-----	71	18	—	—	5	—	13	53	—	—	6	6	41
\$150 to \$199-----	30	—	—	—	—	—	—	30	—	—	—	17	13
\$200 to \$249-----	—	—	—	—	—	—	—	—	—	—	—	—	—
\$250 or more-----	12	—	—	—	—	—	—	12	—	—	6	—	6
Median-----	\$69	\$61	\$88	—	\$50—	\$66	\$58	\$71	\$113	—	\$135	\$71	\$70
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979-----	19.5	15.5	15.8	27.5	19.2	10.9	16.0	20.4	25.0	29.3	15.0	19.3	20.3
With a mortgage-----	27.6	25.1	10—	27.5	26.5	16.0	45.0	29.0	22.5	29.3	22.9	26.7	33.8
Not mortgaged-----	17.5	13.5	17.5	—	14.5	10—	15.0	18.3	27.5	—	10—	13.9	19.2
Income in 1979 below poverty level-----	658	118	—	5	6	27	80	540	—	—	—	103	437
Percent below poverty level-----	26.1	20.5	—	7.8	12.0	17.3	28.1	27.7	—	—	—	20.8	32.5
Renter-occupied housing units -----	2 462	962	266	321	87	180	108	1 500	226	213	52	309	700
PLUMBING FACILITIES													
Complete plumbing for exclusive use-----	2 386	901	261	313	87	158	82	1 485	226	213	52	309	685
Lacking complete plumbing for exclusive use-----	76	61	5	8	—	22	26	15	—	—	—	—	15
UNITS IN STRUCTURE													
1, detached or attached-----	921	324	74	126	40	61	23	597	60	113	7	153	264
2-----	226	79	22	32	8	10	7	147	25	20	8	40	54
3 and 4-----	400	180	88	44	7	39	2	220	52	22	11	44	91
5 to 9-----	170	82	26	27	7	11	11	88	5	7	14	25	37
10 to 49-----	438	214	47	79	20	47	21	224	51	33	6	24	110
50 or more-----	284	70	7	7	—	12	44	214	27	18	6	23	140
Mobile home or trailer, etc.-----	23	13	2	6	5	—	—	10	6	—	—	—	4
HOUSEHOLD INCOME IN 1979													
Less than \$5,000-----	1 091	319	67	61	30	68	93	772	99	21	12	140	500
\$5,000 to \$9,999-----	785	288	119	103	12	41	13	497	110	95	33	114	145
\$10,000 to \$12,499-----	269	164	59	62	18	25	—	105	11	44	—	21	29
\$12,500 to \$14,999-----	127	51	7	26	9	7	2	76	—	31	7	21	17
\$15,000 to \$19,999-----	130	80	9	43	5	23	—	50	6	22	—	13	9
\$20,000 to \$24,999-----	43	43	5	19	8	11	—	—	—	—	—	—	—
\$25,000 to \$34,999-----	12	12	—	7	5	—	—	—	—	—	—	—	—
\$35,000 to \$49,999-----	5	5	—	—	—	5	—	—	—	—	—	—	—
\$50,000 or more-----	—	—	—	—	—	—	—	—	—	—	—	—	—
Median-----	\$5 722	\$7 750	\$7 171	\$9 854	\$10 208	\$7 500	\$3 664	\$4 896	\$5 365	\$9 543	\$6 842	\$5 503	\$4 079
Mean-----	\$6 982	\$8 824	\$7 871	\$10 339	\$10 426	\$9 592	\$4 097	\$5 801	\$5 292	\$9 513	\$7 083	\$6 079	\$4 618
GROSS RENT													
Specified renter-occupied housing units -----	2 407	944	266	310	87	173	108	1 463	226	207	52	294	684
Less than \$100-----	664	221	20	42	11	59	89	443	6	18	19	74	326
\$100 to \$149-----	641	237	66	88	24	52	7	404	110	40	14	81	159
\$150 to \$199-----	464	222	95	91	15	15	6	242	63	47	7	59	66
\$200 to \$249-----	351	169	71	50	23	25	—	182	35	65	6	51	25
\$250 to \$299-----	133	61	5	39	5	12	—	72	—	21	6	14	31
\$300 to \$349-----	44	16	—	—	9	5	2	28	5	5	—	10	8
\$350 to \$399-----	5	5	—	—	—	5	—	—	—	—	—	—	—
\$400 to \$499-----	6	—	—	—	—	—	—	6	—	6	—	—	—
\$500 or more-----	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent-----	99	13	9	—	—	—	4	86	7	5	—	5	69
Median-----	\$136	\$151	\$177	\$157	\$162	\$114	\$81	\$127	\$144	\$198	\$141	\$129	\$96
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979-----	27.6	24.0	28.5	23.0	20.8	20.1	27.5	29.4	37.3	25.2	28.3	32.6	28.4
Income in 1979 below poverty level-----	727	192	29	43	28	39	53	535	67	21	12	124	311
Percent below poverty level-----	29.5	20.0	10.9	13.4	32.2	21.7	49.1	35.7	29.6	9.9	23.1	40.1	44.4

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Joplin city					Joplin city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----	161	61	22	78	Vacant for rent housing units -----	612	351	133	128
ROOMS					ROOMS				
1 to 3 rooms -----	10	—	—	10	1 room -----	57	29	9	19
4 rooms -----	49	20	—	29	2 rooms -----	61	37	10	14
5 rooms -----	65	25	15	25	3 rooms -----	145	74	30	41
6 rooms -----	10	2	—	6	4 rooms -----	185	126	40	19
7 rooms -----	12	7	5	—	5 rooms -----	97	47	32	18
8 or more rooms -----	15	7	—	8	6 rooms -----	55	33	10	12
Median -----	4.8	4.9	5.2	4.5	7 or more rooms -----	12	5	2	5
					Median -----	3.7	3.8	3.9	3.3
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	161	61	22	78	Complete plumbing for exclusive use -----	542	318	124	100
Lacking complete plumbing for exclusive use -----	—	—	—	—	Lacking complete plumbing for exclusive use -----	70	33	9	28
BEDROOMS					BEDROOMS				
None -----	—	—	—	—	None -----	63	35	9	19
1 -----	31	11	—	20	1 -----	238	127	43	68
2 -----	49	16	12	21	2 -----	216	138	60	18
3 -----	55	27	5	23	3 -----	73	40	19	14
4 -----	21	7	5	9	4 -----	13	11	2	—
5 or more -----	5	—	—	5	5 or more -----	9	—	—	9
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	9	6	—	3	1975 to March 1980 -----	96	62	34	—
1970 to 1974 -----	2	2	—	—	1970 to 1974 -----	38	31	5	2
1960 to 1969 -----	19	—	5	14	1960 to 1969 -----	64	41	9	14
1950 to 1959 -----	15	—	2	13	1950 to 1959 -----	57	33	9	15
1940 to 1949 -----	32	14	5	13	1940 to 1949 -----	107	54	30	23
1939 or earlier -----	84	39	10	35	1939 or earlier -----	250	130	46	74
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	153	60	22	71	1, detached or attached -----	239	112	53	74
2 or more -----	7	—	—	7	2 -----	58	41	17	—
Mobile home or trailer -----	1	1	—	—	3 and 4 -----	68	37	26	5
					5 to 9 -----	37	13	17	7
HEATING EQUIPMENT					10 to 49 -----	159	109	20	30
Central heating system -----	128	40	22	66	50 or more -----	33	33	—	—
Other means -----	33	21	—	12	Mobile home or trailer -----	18	6	—	12
None -----	—	—	—	—					
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----	143	60	22	61	Specified vacant for rent housing units -----	612	351	133	128
Less than \$10,000 -----	26	7	6	13	Less than \$100 -----	179	69	68	42
\$10,000 to \$19,999 -----	26	12	4	10	\$100 to \$149 -----	156	77	28	51
\$20,000 to \$29,999 -----	31	19	7	5	\$150 to \$199 -----	139	91	35	13
\$30,000 to \$39,999 -----	33	15	3	15	\$200 to \$249 -----	78	68	—	10
\$40,000 to \$49,999 -----	13	—	—	13	\$250 to \$299 -----	58	44	2	12
\$50,000 to \$59,999 -----	2	—	2	—	\$300 to \$399 -----	2	2	—	—
\$60,000 to \$79,999 -----	7	2	—	5	\$400 or more -----	—	—	—	—
\$80,000 to \$99,999 -----	5	5	—	—	Median -----	\$132	\$159	\$98	\$121
\$100,000 or more -----	—	—	—	—					
Median -----	\$25 100	\$22 300	\$23 800	\$30 800					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Joplin city															
Total -----	143	26	57	46	14	—	25 100		612	179	295	136	2	—	132
PLUMBING FACILITIES															
Complete plumbing for exclusive use -----	143	26	57	46	14	—	25 100		542	116	295	129	2	—	149
Lacking complete plumbing for exclusive use -----	—	—	—	—	—	—	—		70	63	—	7	—	—	57
BEDROOMS															
None -----	—	—	—	—	—	—	—		63	50	11	2	—	—	58
1 -----	14	10	4	—	—	—	10 000—		238	87	133	18	—	—	112
2 -----	48	10	30	8	—	—	21 100		216	38	105	71	2	—	171
3 -----	55	—	18	35	2	—	31 900		73	4	35	34	—	—	178
4 -----	21	6	5	3	7	—	27 300		13	—	11	2	—	—	176
5 or more -----	5	—	—	—	5	—	62 500		9	—	—	9	—	—	263
YEAR STRUCTURE BUILT															
1975 to March 1980 -----	8	—	—	3	5	—	82 000		96	34	4	58	—	—	215
1970 to 1974 -----	2	—	—	—	2	—	77 500		38	6	21	11	—	—	175
1960 to 1969 -----	19	—	—	17	2	—	34 800		64	2	24	38	—	—	213
1950 to 1959 -----	5	3	2	—	—	—	10 000—		57	—	31	24	2	—	177
1940 to 1949 -----	30	—	28	2	—	—	21 000		107	37	70	—	—	—	123
1939 or earlier -----	79	23	27	24	5	—	21 300		250	100	145	5	—	—	113
UNITS IN STRUCTURE															
1, detached or attached -----	143	26	57	46	14	—	25 100		239	49	145	43	2	—	151
2 or more -----	—	—	—	—	—	—	—		355	124	138	93	—	—	126
Mobile home or trailer -----	—	—	—	—	—	—	—		18	6	12	—	—	—	123

Appendix A.—Area Classifications

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STATES A-1

PLACES A-1

 Incorporated Places A-1

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979

—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979

—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979

—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

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Armed Forces. C-1

Crews of Merchant Vessels C-1

Persons Away at School C-1

Persons in Institutions C-1

Persons Away From Their
Residence on Census Day C-1

Americans Abroad. C-2

Citizens of Foreign Countries. . . C-2

DATA COLLECTION
PROCEDURES. C-2

PROCESSING PROCEDURES. . . . C-2

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit

	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

	Persons in group quarters
17	

Stage II—Householder/
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish
Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin
of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>

9-16	Same value categories as groups 1 to 8
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16
81	<i>Renter</i> <i>White Race</i> <i>Persons of Spanish Origin</i> <i>Rent Categories</i> \$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent
92-102	<i>Persons not of Spanish origin</i> Same rent categories as groups 81 to 91
103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102
147-168	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102

	<i>Other Race (includes those races not listed above)</i>
169-190	Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

 \hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

 \hat{p} = Estimated percentage

Table C. **Standard Error Adjustment Factors**

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	1.0	0.5
Units in structure.....	1.1	1.0	0.6
Stories in structure.....	1.0	0.9	0.4
Passenger elevator.....	0.9	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.2	1.0	0.5
Number of bedrooms.....	1.1	1.0	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Joplin city -----

Housing units	
100-percent count	Percent in sample
52 275	22.1
17 372	18.3

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade *ever* attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English at home; then skip to question 14.

Mark **Yes** if the person speaks a language other than English at home. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's ability to speak English.
 - (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
 - (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
 - (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
 - (4) The circle **Not at all** should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark **Yes** only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

UnacceptableAcceptable

Furniture company

Metal furniture manufacturing

Grocery store

Wholesale grocery store

Oil company

Retail gas station

Ranch

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

UnacceptableAcceptable

Clerk

Production clerk

Helper

Carpenter's helper

Mechanic

Auto engine mechanic

Nurse

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

- b. Count every week in which the person did any work at all, even for an hour.
- c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.
- d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

- a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

- b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.
- c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.
- d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.
- e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.
- f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.
- g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

If you need more help, call the Census Office.
The telephone number of the local office is
shown at the bottom of the address box on the
front cover.

When you write in an answer, print or write clearly

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Check your answers. Then write your name, the date, and telephone number on page 20.

Please start by answering Question 1 below

Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

[illegible]

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box ☐.

- answer the questions on pages 2 through 5 only.
- and
- enter the address of your usual home on page 20.

Please continue 

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	First name Middle initial	Last name	First name Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister		If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
3. Sex Fill one circle.	<input type="radio"/> Male <input checked="" type="radio"/> Female	<input type="radio"/> Male <input checked="" type="radio"/> Female		<input type="radio"/> Male <input checked="" type="radio"/> Female	
4. Is this person — Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday: 1 b. Month of birth: 1 2 3 4 5 6 7 8 9 <input checked="" type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	a. Age at last birthday: 1 b. Month of birth: 1 2 3 4 5 6 7 8 9 <input checked="" type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.		a. Age at last birthday: 1 b. Month of birth: 1 2 3 4 5 6 7 8 9 <input checked="" type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	
6. Marital status Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		
10. Did this person finish the highest grade (or year) attended? Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		
CENSUS USE ONLY		A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O		CENSUS USE ONLY	

NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD

PERSON in column 7

Last name

First name

Middle initial

If relative of person in column 1:

☐ Husband/wife

☐ Father/mother

☐ Son/daughter

☐ Other relative

☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder

☐ Other nonrelative

☐ Partner, roommate

☐ Paid employee

☐ Male

☐ Female

☐ White☐ Asian Indian

☐ Black or Negro☐ Hawaiian

☐ Japanese☐ Guamanian

☐ Chinese☐ Samoan

☐ Filipino☐ Eskimo

☐ Korean☐ Aleut

☐ Vietnamese

☐ Other — Specify

☐ Indian (Amer.)

Print tribe

a. Age at last birthday

c. Year of birth

b. Month of birth

☐ Now married☐ Separated

☐ Widowed☐ Never married

☐ Divorced

☐ No (not Spanish/Hispanic)

☐ Yes, Mexican, Mexican-Amer., Chicano

☐ Yes, Puerto Rican

☐ Yes, Cuban

☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1

☐ Yes, public school, public college

☐ Yes, private, church-related

☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school☐ Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)

☐ Finished this grade (or year)

☐ Did not finish this grade (or year)

CENSUS USE ONLY

A. ☐ I ☐ N ☐ O

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

☐ Yes — On page 20 give name(s) and reason left out.

☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

☐ Yes — On page 20 give name(s) and reason person is away.

☐ No

H3. Is anyone visiting here who is not already listed?

☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.

☐ No

H4. How many living quarters, occupied and vacant, are at this address?

☐ One

☐ 2 apartments or living quarters

☐ 3 apartments or living quarters

☐ 4 apartments or living quarters

☐ 5 apartments or living quarters

☐ 6 apartments or living quarters

☐ 7 apartments or living quarters

☐ 8 apartments or living quarters

☐ 9 apartments or living quarters

☐ 10 or more apartments or living quarters

☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

☐ Directly from the outside or through a common or public hall?

☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

☐ Yes, for this household only

☐ Yes, but also used by another household

☐ No, have some but not all plumbing facilities

☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

☐ 1 room☐ 4 rooms☐ 7 rooms

☐ 2 rooms☐ 5 rooms☐ 8 rooms

☐ 3 rooms☐ 6 rooms☐ 9 or more rooms

H8. Are your living quarters —

☐ Owned or being bought by you or by someone else in this household?

☐ Rented for cash rent?

☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

☐ No

☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

☐ Yes

☐ No

b. Is any part of the property used as a commercial establishment or medical office?

☐ Yes

☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

☐ A mobile home or trailer

☐ A house on 10 or more acres

☐ A house with a commercial establishment or medical office on the property

☐ Less than \$10,000☐ \$50,000 to \$54,999

☐ \$10,000 to \$14,999☐ \$55,000 to \$59,999

☐ \$15,000 to \$17,499☐ \$60,000 to \$64,999

☐ \$17,500 to \$19,999☐ \$65,000 to \$69,999

☐ \$20,000 to \$22,499☐ \$70,000 to \$74,999

☐ \$22,500 to \$24,999☐ \$75,000 to \$79,999

☐ \$25,000 to \$27,499☐ \$80,000 to \$89,999

☐ \$27,500 to \$29,999☐ \$90,000 to \$99,999

☐ \$30,000 to \$34,999☐ \$100,000 to \$124,999

☐ \$35,000 to \$39,999☐ \$125,000 to \$149,999

☐ \$40,000 to \$44,999☐ \$150,000 to \$199,999

☐ \$45,000 to \$49,999☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

☐ Less than \$50☐ \$160 to \$169

☐ \$50 to \$59☐ \$170 to \$179

☐ \$60 to \$69☐ \$180 to \$189

☐ \$70 to \$79☐ \$190 to \$199

☐ \$80 to \$89☐ \$200 to \$224

☐ \$90 to \$99☐ \$225 to \$249

☐ \$100 to \$109☐ \$250 to \$274

☐ \$110 to \$119☐ \$275 to \$299

☐ \$120 to \$129☐ \$300 to \$349

☐ \$130 to \$139☐ \$350 to \$399

☐ \$140 to \$149☐ \$400 to \$499

☐ \$150 to \$159☐ \$500 or more

FOR CENSUS USE ONLY

A4. Block number

A6. Serial number

B. Type of unit or quarters

Occupied

☐ First form

☐ Continuation

Vacant

☐ Regular

☐ Usual home elsewhere

Group quarters

☐ First form

☐ Continuation

For vacant units

C1. Is this unit for —

☐ Year round use

☐ Seasonal/Mig. — Skip C2, C3, and D.

C2. Vacancy status

☐ For rent

☐ For sale only

☐ Rented or sold, not occupied

☐ Held for occasional use

☐ Other vacant

C3. Is this unit boarded up?

☐ Yes

☐ No

D. Months vacant

☐ Less than 1 month

☐ 1 up to 2 months

☐ 2 up to 6 months

☐ 6 up to 12 months

☐ 1 year up to 2 years

☐ 2 or more years

E. Indicators

1. ☐ Mail return

2. ☐ Pop./F

F. Total persons

1 1 1

2 2 2

3 3 3

4 4 4

5 5 5

6 6 6

7 7 7

8 8 8

9 9 9

E-9

H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. 	H21 a. Which fuel is used most for house heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used b. Which fuel is used most for water heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	CENSUS USE H22a. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories b. Is there a passenger elevator in this building? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	c. Which fuel is used most for cooking? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	H22b. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H15a. Is this building — <ul style="list-style-type: none"> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to — <ul style="list-style-type: none"> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more 	H22. What are the costs of utilities and fuels for your living quarters? a. Electricity \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	H22c. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H16. Do you get water from — <ul style="list-style-type: none"> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? 	c. Water \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	H22d. <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H17. Is this building connected to a public sewer? <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means 	H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator. <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms 																														
H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier 	H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms 	<table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H19. When did the person listed in column 1 move into this house (or apartment)? <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here 	H26. Do you have a telephone in your living quarters? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	<table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment 	H27. Do you have air conditioning? <ul style="list-style-type: none"> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No H28. How many automobiles are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks 	<table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender? Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

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Page 6

ANSWER THESE QUESTIONS FOR

<p>Name of Person 1 on page 2:</p> <p style="text-align: center;">Last name First name Middle initial</p> <hr/> <p>11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p style="text-align: center;">Name of State or foreign country; or Puerto Rico, Guam, etc.</p> <hr/> <p>12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States?</p> <p><input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents</p> <p>b. When did this person come to the United States to stay?</p> <p><input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950</p> <hr/> <p>13a. Does this person speak a language other than English at home?</p> <p><input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p>b. What is this language?</p> <p style="text-align: center;">(For example — Chinese, Italian, Spanish, etc.)</p> <hr/> <p>c. How well does this person speak English?</p> <p><input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all</p> <hr/> <p>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</p> <p style="text-align: center;">(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</p> <hr/> <p>15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i></p> <p><input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house</p> <p>b. Where did this person live five years ago (April 1, 1975)?</p> <p>(1) State, foreign country, Puerto Rico, Guam, etc.: _____</p> <p>(2) County: _____</p> <p>(3) City, town, village, etc.: _____</p> <p>(4) Inside the incorporated (legal) limits of that city, town, village, etc.?</p> <p><input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p>	<p>16. When was this person born?</p> <p><input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i></p> <p><input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i></p> <hr/> <p>17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>b. Attending college?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>c. Working at a job or business?</p> <p><input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time</p> <hr/> <p>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see instruction guide.</i></p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i></p> <p>b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i></p> <p><input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time</p> <hr/> <p>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</p> <table style="width: 100%;"> <tr> <td style="width: 80%;"></td> <td style="width: 10%; text-align: center;">Yes</td> <td style="width: 10%; text-align: center;">No</td> </tr> <tr> <td>a. Limits the kind or amount of work this person can do at a job?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>b. Prevents this person from working at a job?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>c. Limits or prevents this person from using public transportation?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </table> <hr/> <p>20. If this person is a female —</p> <p>How many babies has she ever had, not counting stillbirths?</p> <p><i>Do not count her stepchildren or children she has adopted.</i></p> <p style="text-align: center;">None 1 2 3 4 5 6</p> <p style="text-align: center;"><input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p style="text-align: center;">7 8 9 10 11 12 or more</p> <p style="text-align: center;"><input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <hr/> <p>21. If this person has ever been married — a. Has this person been married more than once?</p> <p><input type="radio"/> Once <input type="radio"/> More than once</p> <p>b. Month and year of marriage? Month and year of first marriage?</p> <p style="text-align: center;">(Month) (Year) (Month) (Year)</p> <p>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>		Yes	No	a. Limits the kind or amount of work this person can do at a job?	<input type="radio"/>	<input type="radio"/>	b. Prevents this person from working at a job?	<input type="radio"/>	<input type="radio"/>	c. Limits or prevents this person from using public transportation?	<input type="radio"/>	<input type="radio"/>	<p>22a. Did this person work at any time last week?</p> <p><input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i></p> <p><input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i></p> <p style="text-align: right;"><i>Skip to 25</i></p> <hr/> <p>b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i></p> <p style="text-align: right;">Hours <input type="text"/></p> <hr/> <p>23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see instruction guide.</i></p> <p>a. Address (Number and street) _____</p> <p style="text-align: center;">If street address is not known, enter the building name, shopping center, or other physical location description.</p> <p>b. Name of city, town, village, borough, etc. _____</p> <p>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</p> <p><input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p> <p>d. County _____</p> <p>e. State _____ f. ZIP Code _____</p> <hr/> <p>24a. Last week, how long did it usually take this person to get from home to work (one way)?</p> <p style="text-align: right;">Minutes <input type="text"/></p> <p>b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i></p> <p><input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — <i>Specify</i> _____</p> <p><i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>
	Yes	No												
a. Limits the kind or amount of work this person can do at a job?	<input type="radio"/>	<input type="radio"/>												
b. Prevents this person from working at a job?	<input type="radio"/>	<input type="radio"/>												
c. Limits or prevents this person from using public transportation?	<input type="radio"/>	<input type="radio"/>												

FOR CENSUS USE ONLY

Per. No.	11.	13b.	14.	15b.	23.	VL	24a.
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Appendix F.—Publication and Computer Tape Program

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GENERAL
 The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.
 The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.
 The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).
 Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.
PUBLICATIONS
Population and Housing Census Reports
PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

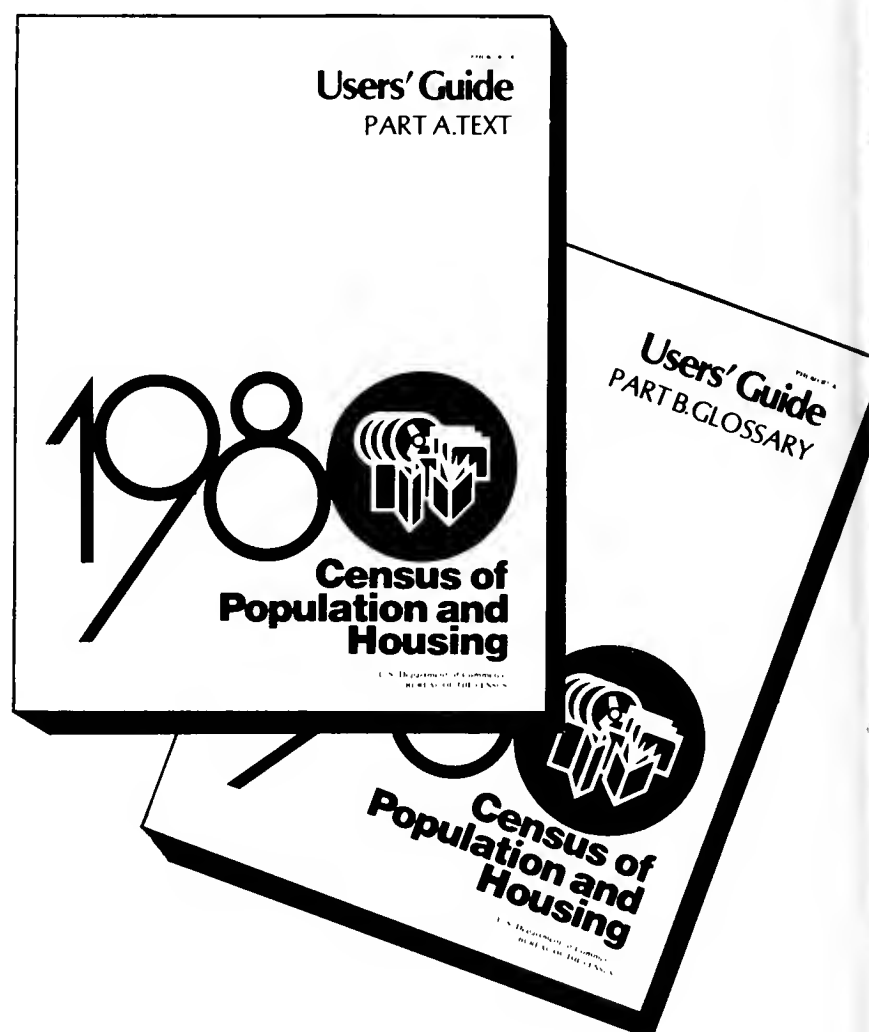
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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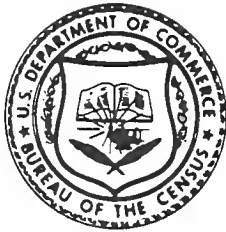
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